



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE TRADEMARK TRIAL AND APPEAL BOARD

UNITED CUTLERY CORPORATION,

Opposer,

v.

MICHAEL L. WALKER

Applicant

Opposition No. _____
Application Serial Number 85/559,248
for the mark LINERLOCK

In the matter of an application to register a trademark under the Trademark Act of July 5, 1946 in the name of MICHAEL L. WALKER, an individual and citizen of the United States whose address is P.O. Box 1924, Taos, New Mexico 87571 (hereinafter WALKER or Applicant), published in the Official Gazette of the United States Patent and Trademark Office on July 24, 2012, the Opposer, UNITED CUTLERY CORPORATION (hereafter UNITED CUTLERY or Opposer), a corporation organized and existing under the laws of the State of Georgia, having a principal place of business at 475 US Hwy 319 South, Moultrie, Georgia 31768, believes that it would be damaged by registration of said Application Serial Number 85/559,248 for the mark LINERBLOCK and hereby gives Notice of Opposition to the registration of the alleged trademark and hereby appoints John S. Hale, a member of the Bar of the Commonwealth of Virginia, located at 6665-A Old Dominion Drive, McLean, Virginia 22101, as its attorney with full power of substitution and revocation, to prosecute this Notice of Opposition and to transact any and all business connected herewith before the United States Patent and Trademark Office.



09-24-2012

As grounds for this Opposition, Opposer alleges:

1. Applicant WALKER has filed an application for registration of the mark LINERLOCK in International Class 008 for goods described as "Blades for folding knives; Carving knives; Cutlery, namely, folding knives; Fishing knives; Folding knives; Hunting knives; Knives for hobby use; Pocket knives; Sport knives; Working knives."

2. This application was published for opposition on July 24, 2012, and Opposer has timely filed for, and the Trademark Trial and Appeal Board has granted, an extension of time to file an opposition until September 22, 2012.

3. Opposer, UNITED CUTLERY, is a corporation organized and existing under the laws of the State of Georgia with a place of business at 475 US Hwy 319 South, Moultrie, Georgia 31768. UNITED CUTLERY, itself and through its subsidiaries, affiliates and related companies, manufactures, markets and sells, among other products, knives including folding knives, pocket knives, sport knives and working knives throughout the world.

4. UNITED CUTLERY uses and/or has used the term "liner lock" both internally and in published documents to indicate a knife lock type. (Exhibit A).

5. The term "liner lock" is a common descriptive term of art used in the knife industry, denoting an interior blade lock mechanism. The "liner lock" mechanism was patented in 1904, as shown in Exhibit B. The term "liner lock" is used and known through out the knife industry as describing a specific type of blade locking mechanism for knives (Exhibit C).

6. The term "liner lock" is commonly used throughout the knife industry to denote knives having a liner lock mechanism as shown by the use of the term (Exhibit D).

7. Applicant's LINERLOCK mark, if used in connection with " Blades for folding knives; Carving knives; Cutlery, namely, folding knives; Fishing knives; Folding knives;

Hunting knives; Knives for hobby use; Pocket knives; Sport knives; Working knives" would be generic, or, at most, descriptive of such goods.

8. If Applicant obtains the registration herein opposed, he would obtain a prima facie exclusive right to use of the LINERLOCK mark. Such registration would be a source of damage and injury to Opposer (and others) that currently use, or will use, the descriptive designation "LINERLOCK" to describe the locking mechanism in their own products, since it may subject them to an infringement suit and injunction prohibiting use of the descriptive term.

9. Registration should, therefore, be refused pursuant to Section 2(e)(1) of the Trademark Act of 1946, as amended, 15 U.S.C. § 1052(e)(1), on the grounds that Applicant's LINERLOCK mark is a generic term, or, at least, a merely descriptive term.

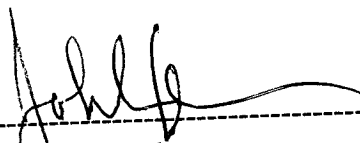
10. On information and belief, Applicant has also failed to use the mark LINERLOCK on all of the goods for which he seeks registration. Specifically, on information and belief, Applicant is not using the mark LINERLOCK in connection with "Blades for folding knives; Carving knives; Hunting knives; Sport knives; and Working knives " as he has claimed in his application. Because Applicant's identification of goods for registration contains false statements, Registration should be refused.

WHEREFORE, this Opposer, UNITED CUTLERY CORPORATION, believes and avers that it is and will continue to be damaged by the registration of Application Serial No. 85/559,248 as aforesaid and prays that said Applicant be required to answer this Notice of Opposition and that said Application be refused and denied.

Our check for the official filing fee is attached. The Commissioner is hereby authorized to charge any additional fees for the filing of this Notice of Opposition to our Deposit Account No. 07-1340.

Respectfully submitted,

UNITED CUTLERY CORPORATION

A handwritten signature in black ink, appearing to read "John S. Hale", is written over a horizontal dashed line.

By: John S. Hale
Attorney for Opposer

6665-A Old Dominion Drive
McLean, Virginia 22101
(703) 4448-1770 ext. 104
Attorney Reference: Z-1661

EXHIBIT A

1

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United Cutlery Orion Liner Lock Grey hard coat finish, rubber insert



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Part Number: **UC1093GS**

Manufacturer: **United Cutlery**

~~\$25.00~~

Price:

\$18.95

Sale Price:

\$14.95

Select Qty:

In Stock.

Availability limited to stock on hand.

Overview

Reviews

UC1093GS Orion Liner Lock Grey hard coat finish, rubber insert
Half serrated - grey, closed length: 4-5/16 ", Blade Length 2-7/8", Blade Thickness 1/8", Blade
Material: 420 J2 stainless steel, Cast aluminum with a grey hard coat finish and a rubber
insert. Stainless Steel hex screw construction

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FORD LICENSED UNITED CUTLERY LINERLOCK FD31

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Shipping: **\$2.46** Standard Shipping | See details
Item location: **Apopka, Florida, United States**
Ships to: **United States, Canada** See exclusions

Delivery: Estimated on or before **Tue. Sep. 25** to 22101

Payments: **PayPal**, Bill Me Later | See details

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Description Shipping and payments

Item number: 400030987157

Seller assumes all responsibility for this listing.

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Item specifics

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Country: Taiwan

Randy's Knives

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FORD by UNITED CUTLERY

Ford Linerlock Black. 4" closed. 440 stainless blade and ambidextrous thumb studs. Black Zytel handles with Magna-grip inserts. Pocket Clip.

Made in Taiwan.

New in the box.

NOTE: One hand opening knives such as framelocks, linerlocks, or lockbacks that have a thumb stud, hole or device for opening with one hand can not be shipped to Australia.

THE FINE PRINT

Note: Products carry only the warranty that may be provided by the individual manufacturer. I'm not an authorized service center for any brand. Returns are accepted only for unused products that don't match the description provided in the listing. You must be 18 years of age to purchase a knife and it is up to you to be sure that it is legal in your jurisdiction.

Note: Most parcels will ship with a Delivery Confirmation number. You can verify delivery with Delivery Confirmation. USPS Delivery Confirmation service gives you the date, ZIP Code? and the time your article was delivered. If delivery was attempted you will get the date and time of attempted delivery. You will notice that this DOES NOT give you in transit tracking. The online lookup of the confirmation number will show NO change in status until the package is actually delivered.

The vast majority of items in my eBay store are in new condition. A lot of them have more than one piece available and as such, the picture is generic and is not the actual item that you will receive. Many materials vary in appearance from one lot to the next so color or texture may vary from the picture. Undoubtedly, you have a different monitor than I do and what you are seeing may not look exactly like what I am seeing. If you have any questions, please email me before you make a purchase. I will do my best to clarify the issues before they become a problem.

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Mtg Cost Engineering

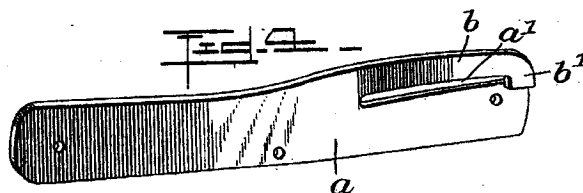
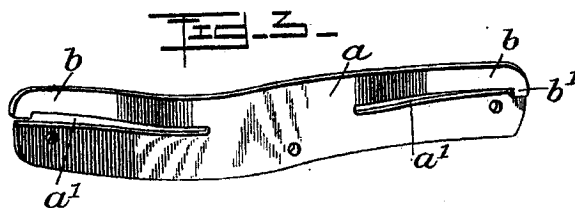
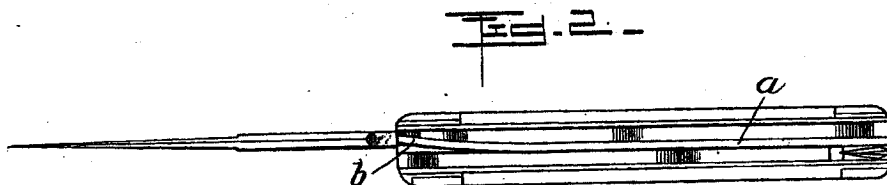
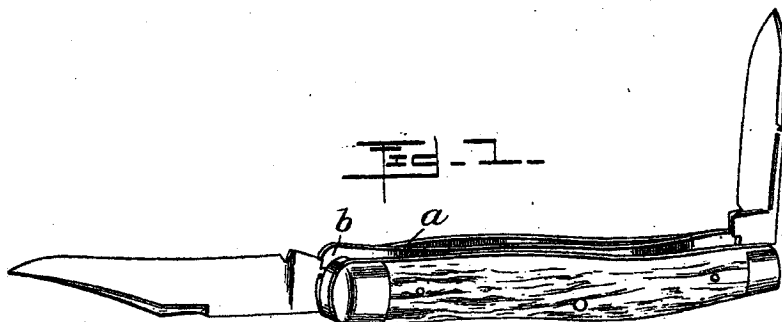
EXHIBIT B

No. 825,093.

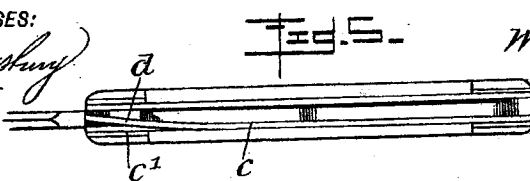
PATENTED JULY 3, 1906.

W. F. WATSON.
KNIFE.

APPLICATION FILED AUG. 4, 1905.



WITNESSES:
Geo. P. King
A. E. Day



INVENTOR
William F. Watson

BY *Munn & Co*
ATTORNEYS

UNITED STATES PATENT OFFICE.

WILLIAM FRANKLIN WATSON, OF TIDIOUTE, PENNSYLVANIA, ASSIGNOR
OF ONE-HALF TO ROY CHADWICK, OF TIDIOUTE, PENNSYLVANIA.

KNIFE.

No. 825,093.

Specification of Letters Patent.

Patented July 3, 1906.

Application filed August 4, 1905. Serial No. 272,682.

To all whom it may concern:

Be it known that I, WILLIAM FRANKLIN WATSON, a citizen of the United States, and a resident of Tidioute, in the county of Warren and State of Pennsylvania, have invented a new and Improved Knife, of which the following is a full, clear, and exact description.

My invention has for its principal object the provision of means for automatically locking the blade of a knife, especially of that form known as a "jack-knife," in open position.

Although especially adapted to jack-knives, it can be used for any other kind of a knife having a movable blade. For the accomplishment of this object I provide means which is at once simple and inexpensive and which does not add a single piece to the jack-knife of ordinary construction.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of a knife embodying my invention. Fig. 2 is a plan of the same. Fig. 3 is a perspective view of a plate constituting a portion of the knife. Fig. 4 is a perspective view of a modified form of plate; and Fig. 5 is a plan of a knife, showing a slight modification.

The invention may be applied to knives having any desired number of blades located in any ordinary way. At the side of the blade is located a plate *a*, riveted in the handle, as is usually the case; but instead of being made solid this plate is provided with a slit *a'*, above which is a tongue *b*. This tongue is formed of resilient material and normally projects over the end of the blade, as shown in Fig. 2. It is provided with a shoulder *b'* for engaging the end of the blade and securely holding it in open position. In the form shown in Figs. 1, 2, and 3 this plate is the ordinary center plate provided with two slits *a'* and two tongues *b* in order to lock the two blades. In Fig. 4 I have shown a similar center plate having only one slit and one tongue. This is used for one-bladed knives and for others in which it is desired to apply my invention to only one blade. Instead of applying the invention to the center plate it can be applied to the lining, as is shown in Fig. 5. In this case the lining is represented by the letter *c*, and it is provided with a lock-

ing-tongue *d* and a slit *c'*, as before, and operating in the same manner.

The operation of the device is very simple. When the blade of the knife is closed, the tongue *b* naturally rests at its side, and the plate *a*, whether constructed as one of the division-plates ordinarily employed in the knife or not, has no function at this time. If it is made in the form of one of the division-plates, it merely serves that purpose, and the tongue merely presses against the blade with a yielding pressure. The knife is opened in the usual manner, and when the blade is fully open, as shown in Figs. 1, 2, and 5, the tongue will by its own resiliency spring over the surface of the blade and hold it locked in open position until the tongue is forced back out of the way. The tongue of course performs no operation on the blade when in partly-open position, as shown at the right of Fig. 1, except to exert a pressure upon it and add to the friction.

It will be observed that by the use of the principle of my invention, whether in the forms shown or not, the advantages of locking the blade when in open position can be readily attained with very little increase in cost and without the addition of a single element to an ordinary knife.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A knife comprising a blade and a plate pivoted thereto, said plate being slotted longitudinally at one side of the point of pivotal connection to form a tongue, and the said tongue being offset from the plane of the plate and normally pressing against the blade, said blade having a notch in which the said tongue engages when the blade is opened into longitudinal alinement with the plate.

2. A knife having a plate formed of resilient material and located at the side of the blade, said plate having a tongue normally adapted to project over the blade when open and lock it in open position.

3. A knife having a plate provided with a longitudinal slit near one end, bounded on one side by a tongue, said tongue being of resilient material and being normally bent out of the plane of the plate on the other side of the slit into such position as to engage the top of the rear end of the blade when in open position, said tongue being located on the side of

the handle of the knife from which the blade opens.

4. In a knife the combination of a movable blade, and a plate located adjacent thereto, said blade having a longitudinal slit, a resilient tongue forming one wall of said slit and adapted to normally project over the end of said knife-blade when the latter is open, said tongue being provided with a projection for engaging the end of the blade and locking it in open position.

5. A knife comprising a blade and a plate pivoted thereto, said plate having a resilient tongue offset from the plane of the plate and

engaging the end of the blade when the said blade is opened.

6. A knife comprising a blade and a plate pivoted thereto, said plate having a resilient tongue offset from the plane of the plate, whereby to project over the blade and lock it in open position.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

Witnesses:

WILLIAM FRANKLIN WATSON.

R. TAGGART,

E. H. McMANN.

EXHIBIT C

1

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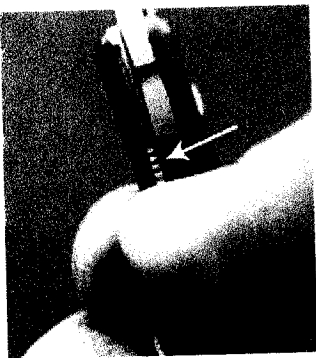
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Pocket Knife Lock Types

Written by [Dan Lawton](#)

Pocket knives rely on a variety of mechanisms to open and close. Here are explanations of some of the most common pocket knife locks, such as liner locks, frame locks and ring locks.

Liner lock (or locking liner)



Liner Lock

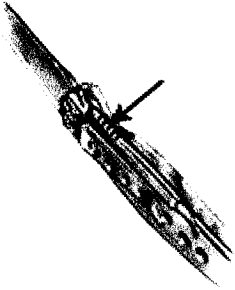
The liner lock is easily the most popular knife lock found in folding knives. It was invented in the early 80s by knife-maker Michael Walker and was quickly adopted by a number of mainstream knife makers.

The liner lock functions with one section of the liner angled inward toward the inside of the knife. From this position, the liner is only able to go back to its old position with manual force, therefore locking it in place.

The tail of the liner lock, which is closest to the blade, is cut to engage the bottom of the blade under the pivot. If the user wants to disengage the lock, they must manually move the liner to the side, away from the blade bottom.

The liner lock was a great advancement in knife lock technology and assisted in the evolution of the tactical knife and one-handed knife.

Frame lock



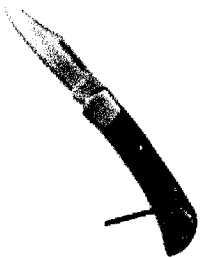
Frame Lock

The main difference between a liner lock and a frame lock is that a frame lock uses the handle to form the frame and therefore the lock. The handle, which has two sides, is often cut from a steel that is much thicker than the liner of most locks.

Just like the liner lock, the frame lock is situated with the liner inward and the tip engaging the bottom of the blade. The frame lock is released by applying pressure to the frame to move it away from the blade. When it is opened, the pressure on the lock forces it to snap across the blade, engaging at its furthest point.

Frame locks are known for their strength and thickness, but it is only with correct construction that they operate at full capacity. If the angle of the blade bottom is not matched correctly with the lock, the lock may not travel the correct distance, damaging its effectiveness.

Back lock (or lock back)



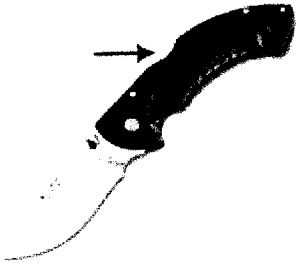
Back Lock

The back lock is one of the oldest and most reliable locking mechanisms on the market; it even predates the liner lock. Due to its simplicity and affordability, the back lock is one of the most well-known knife locks and has many supporters.

The back lock functions with a locking arm, which sits along the handle spine and is molded with a hook that fits

into a notch on the back of the blade, behind the pivot. This hook is dragged by tension from the back spring into the notch, therefore locking the knife with a snap. Because it is reliable and economical to construct, the back lock is one of the most common locks used in folding knives, such as the Buck 110.

Mid lock

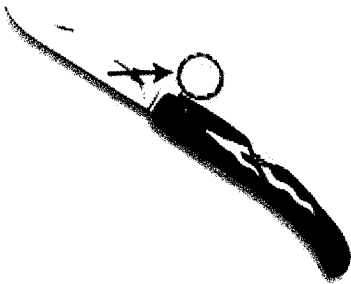


Mid Lock

The mid lock is similar to a back lock, except the release mechanism is in the middle of the handle spine as opposed to near the butt end of the knife. This shortens the locking arm, producing more tension and lock strength.

Mid locks are famous because of their ability to withstand large amounts of pressure. In demonstrations by the knife company Cold Steel, mid lock knives have maintained their integrity under hundreds of pounds of pressure, impressing many knife owners with their stupelying feats of strength. This publicity has undoubtedly increased the frequency at which mid lock knives are purchased.

Ring Lock/Twist Lock

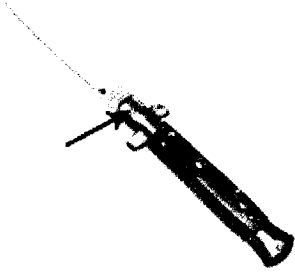


Ring Lock

A ring lock is closed when the user turns a metal ring wrapped around the pivot of the knife to a position where a break in the ring allows the blade to be opened. After the blade has been opened, the ring must be turned again, so that the space through which the blade was opened is blocked. This keeps the lock static in the open position.

The ring lock, which is also called the twist lock, first gained popularity in the 1950s, when the knife company Opinel Knives added it to their line. Most of the success of the ring lock can be attributed to its durability, easy use and low cost.

Lever lock



Lever Lock

A lever lock is locked by a post or pin in or near the pivot bolster, which can be inserted into a hole drilled in the base of the blade. With the pin through the blade hole, the blade is locked, either in the open or closed position. The lever lock is often used on automatic knives and is related to the plunge lock. It is also the lock that operates most switch blade knives, allowing the knife to pop out in dramatic fashion.

A slight variation on the lever lock is a locking system in which the blade is constructed with a post on its spine near the pivot. The back spring has a round top piece that has a hole drilled in it to match the post. When the blade opens, the post hits the hole in the back spring and a firm lockup occurs.

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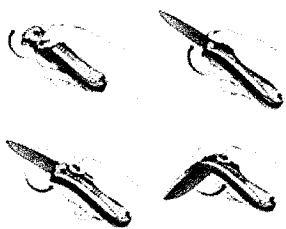
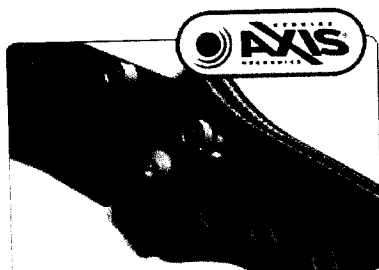
Knife Types

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Mechanisms

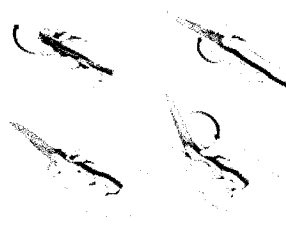
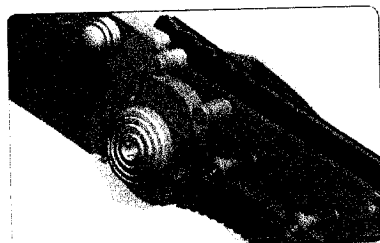
Seems simple enough. You open the knife, you close the knife. But it's the mechanics of motion that happens in the process, which can make the difference between ordinary and extraordinary. Is the knife easy to actuate, can the knife be opened with one hand, is it ambidextrous, and will it be reliable when you need it most? These are all essential considerations when it comes to knife mechanics.

Benchmade offers several mechanisms, from patented exclusives including the unparalleled AXIS®, to more traditional lock back designs. It all comes down to your level of desired function.

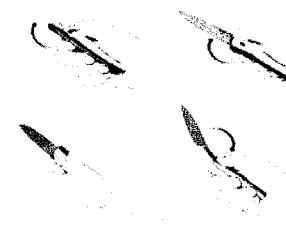
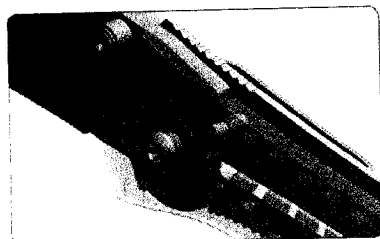


AXIS® A patented Benchmade exclusive, AXIS® has been turning heads and winning fans ever since its introduction. A 100-percent ambidextrous design, AXIS® gets its function from a small, hardened steel bar which rides forward and back in a slot machined into both steel liners. The bar extends to both sides of the knife, spans the liners, and is positioned over the rear of the blade. It engages a ramped, tang portion of the knife blade when it is opened. Two omega style springs, one on each liner, give the locking bar its inertia to engage the knife tang. As a result, the tang is wedged solidly between a sizable stop pin and the AXIS® bar itself. Available in manual, assist or automatic configurations.

Notice: The carry-clip has been installed on the right side (or non-Benchmade logoed side of blade) of AXIS knife products for right side pocket carry. If you prefer to clip-carry the knife in the left side pocket, it is important that you remount the carry-clip on the other side of the knife handle. This is recommended for ideal access and optimum user safety.

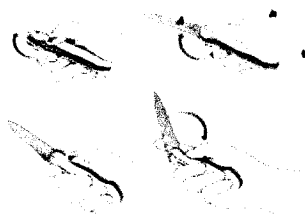
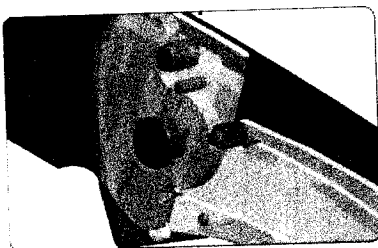


MODIFIED LOCKING-LINER The basic principle is an integral locking bar within the knife liner being stress bent, enabling it to spring into position behind the rear tang of the blade when the blade is opened. The locking bar wedges against the rear of the blade, locking it open until you physically push it clear and close the blade (locking-liners are made either right or left hand specific). And with a modified locking-liner you get a patented feature which helps to enhance the lock function. The function success and function failure of a locking-liner depends greatly on how well it is made and also the quality of the materials used. With Benchmade, you get both.

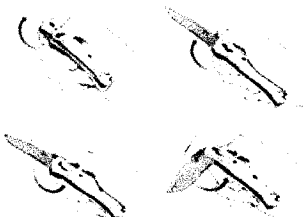
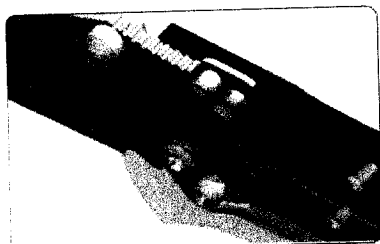


MONOLOCK The monolock mechanism is basically a locking-liner on steroids. The knife liner is one in the same as the knife handle, and thus it is designed and made to function as the locking mechanism. Subsequently, a thicker material is used to provide enough surface area to be a functional handle, and in turn creates a larger surface area to lock the blade with. If executed properly, the monolock design rates very highly in strength and function.

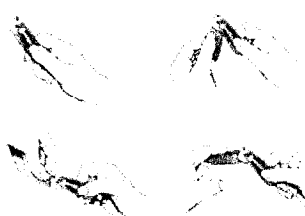
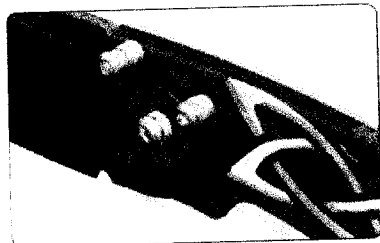
NAK-LOK® Built from the framework of the locking-liner with some innovative updates. The lock engages using tensile strength, compared to the compression hold of more traditional locking-liners. With the Nak-Lok™, the possibility of personal injury is greatly reduced with the opening finger never crossing the blades path.



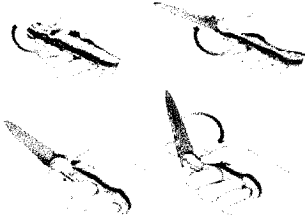
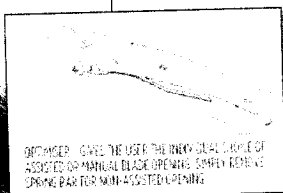
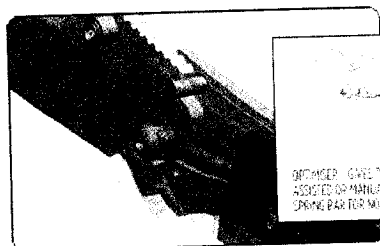
NITROUS® Another patented Benchmade exclusive, the Nitrous™ boosts the blade with ease. As the blade is closed the two torsion arms which run the length of the handle liners are secured in place and make contact with the blade tang. As tensioned against the blade tang, the user rotates the blade open to a 30-degree angle, the torsion arms take over and continue the blade opening process on its own. The huge advantages to the Nitrous design over other similar concepts, is that the blade must be rotated open to beyond a 30-degree angle, which offers added user control.



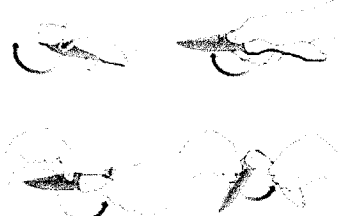
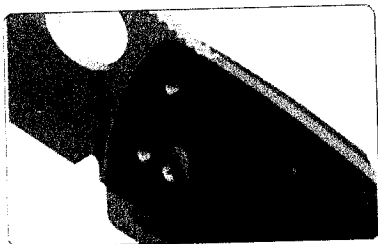
ROLLING LOCK® WITH INDRAFT® Another patented Benchmade exclusive, the Rolling Lock utilizes a sizable, notched lock-pin, which secures against the blade tang when engaged. To disengage, a spring actuated thumb button on the right handle side is drawn back to rotate the lock pin and free the blade. Indraft is a patented exclusive, which is a combination of a slotted liner and a pin in the blade tang working in tandem to generate an inward inertia when closing the blade. These results in one of the safest blade detents available today.



LEVITATOR® A patented Benchmade exclusive, the knife handle scale/liner is cut to create a spring system which is used to leverage a lock-pin in and out of a notch in the tang of the blade. This spring/pin system effectively locks the blade both in the open and closed positions.



OPTIMISER® SYSTEM Another patented Benchmade exclusive, which "optimizes" the knife mechanism if the user chooses to do so... A steel torsion bar running the length of the inside handle spine is secured in place and contacts a surface area of the blade tang. As the blade is closed the spring is tensioned against the blade tang, then as the user rotates the blade open to a 30-degree angle the spring-bar is engaged and continues the blade to its full, locked open position. The huge advantage to the Optimiser® design over similar concepts is that the blade must be rotated open beyond a 30-degree angle, which offers added user control. And even more amazing, the Optimiser can be added or removed at the discretion of the user and the knife mechanism still functions normally. The choice is yours.



LOCK-BACK A basic functional lock that is relatively simple and low cost to manufacture. In practice the lock design positions a stop bar parallel to and in direct line with the blade at the upper back or rear tang of the blade to lock the blade open. Basically, as the blade is rotated open, the spring tensioned, center pivoted stop bar tracks around the circular portion of the blade tang until it drops or locks into the notched out tang. And to release the lock, the exposed portion of the stop bar in the handle back is depressed into the handle, pivoting the stop bar out, releasing the locked blade. This style of locking mechanism requires two hands to safely close the blade although you may still easily open the blade single-handed if desired.



AUTOMATIC It's important to first note that these types of knives are restricted to Active Duty Military and Law Enforcement, and federally regulated. Be certain of permissibility in your location including state or local governments and within your reporting bodies. These are folding knives, which open at the push of a button... An especially important feature to have if your disability, occupation or profession has the potential of limiting your mobility or freedom to access a knife through traditional means. The blade is deployed out from the handle side like traditional folding knives, but the blade is spring open assisted to a fully locked position. Benchmade is recognized for making some of the finest auto opening knives in the world. These are primarily manufactured for Law Enforcement, Military and Government Agency distribution. The Benchmade autos take full advantage of a powerful coil spring blade actuator coupled with our precisely machined taper lock mechanism, proving itself to be the most reliable system available in auto open knives. And our patented integrated safety mechanism (located on handle spine) ensures that the blade will not inadvertently deploy or close once it is locked open. Benchmade autos are precision engineered and manufactured to perform in the real world, you would be hard pressed to find a superior tool.

BALI-SONG® As much an art form as it is the ultimate example of form following function. The Bali-Song or butterfly knife is of Filipino ancestry dating back to nearly 800 A.D. Its basic form consists of a pin-hinged, two piece handle, which when closed encases the blade for carry. And when opened, come together to form the knife handle for blade use. This can all be accomplished with a single hand -making the tool that much more utility capable. Benchmade is recognized as the leader when it comes to making Bali-Song® knives.

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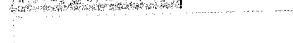
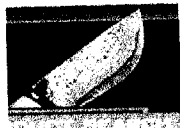
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What is a Liner Lock Knife?

Because of the many uses for a knife, they were created to not only be useful but easy to carry around. After it was no longer socially acceptable or frankly, necessary to carry around a knife in a scabbard, a folding knife was developed. A folding knife is a style where the blade can be folded back into its handle. This design is meant to be both safe and portable.

The first of these were made with a hole or indent in the knife blade so that a person could use their fingernail to pull the knife out. However, this proved to be cumbersome and dangerous as well. It meant that in order to open up the knife you would need to use two hands, and also that it was possible to be hurt by the knife as it opened and closed. It was also possible that the knife would not stay open or closed as needed. This is why the liner lock knife system was invented. It was invented so that the knife could be opened and closed with one hand. This made the knife a lot safer, and allowed the tradition of carrying folding knives to continue.

A liner lock knife is a knife that folds back in on itself, but one that has a liner lock, which is a way of using the knife with only one hand. It creates a smooth action and allows the user to be able to open and close the knife with the same hand they hold the knife. These are created so that a knife can be carried around, and opened and closed with minimal problems.

Liner lock knives were first known as electrician's knives and have been around since the 19th century. The knife is built such that when the knife is open, it is held in place by a leaf spring which is also called a lock bar. The lock bar or leaf spring holds the bottom of the blade and prevents it from closing. When the user of the knife wants the blade to close, he or she has to press the lock bar towards the handle side of the knife. This will allow the knife to snap closed. When the knife is closed, the lock bar will rest right on the handle of the knife, and out of the way.

In 1980, a knife maker by the name of Michael Walker took the original liner lock design and changed it slightly. He was able to change the leaf spring very slightly, which made it lock the blade open instead of simply keeping it straight. The changes that Walker made to the electricians knives allow the blade to truly be opened and closed using only one hand. In order to do this, Walker removed a back spring, as well as added a detent ball, which would hold the knife in the correct position. Both of these things were done so that the knife would be safer and easier to use. After Michael Walker developed this updated liner lock knife, many other knife making companies picked it up and began to use it. It is now one of the most popular forms of knives.

Most knife manufacturers create liner lock knives out of steel or titanium. This prevents them from rusting and allows them to maintain their color and sharpness for the duration of their lives. Because this knife has moving parts, it is important to use high-quality materials to ensure the usability and functionality of all of the moving parts.

The lock liner knife is designed to be a portable and functional knife that can be kept with you at all times for easy use. It is also designed to be a safe knife to have around the house or in with hunting and fishing equipment. You can keep it safe and secure when it is in the closed position, and you can snap it open in order to use it – knowing that it will stay securely open until you want to close it. Using a liner lock knife is one of the ways that you can always have your knife, but always have it safely.

This entry was posted on Monday, January 21st, 2008 at 8:37 pm and is filed under [Articles](#). You can follow any responses to this entry through the [RSS 2.0 feed](#).



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One Response to “What is a Liner Lock Knife?”

1. *Ralph Hart* says:
~~March 13, 2008 at 12:53 am~~

I ran across a knife sales website, and I've had a fever for knives since. I bought and sold some and I am starting to recognize the different styles and uses for knives. I appreciate the knowledge and history of liner lock knives that this post helped me to understand

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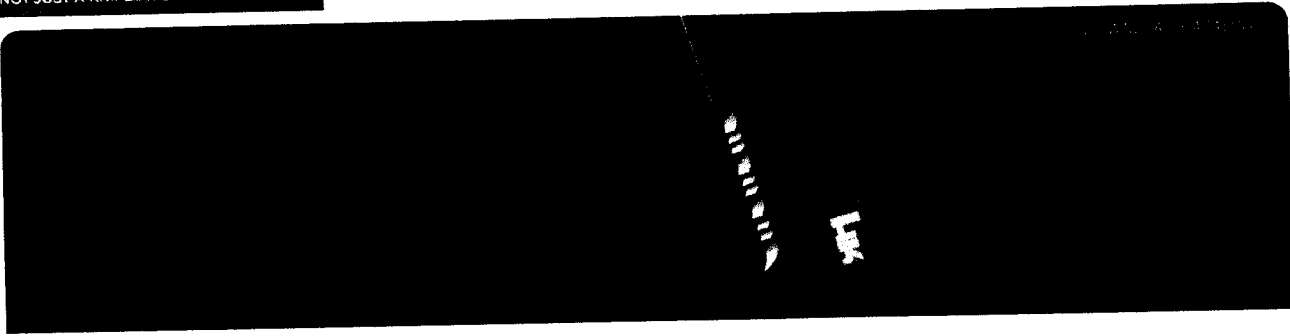
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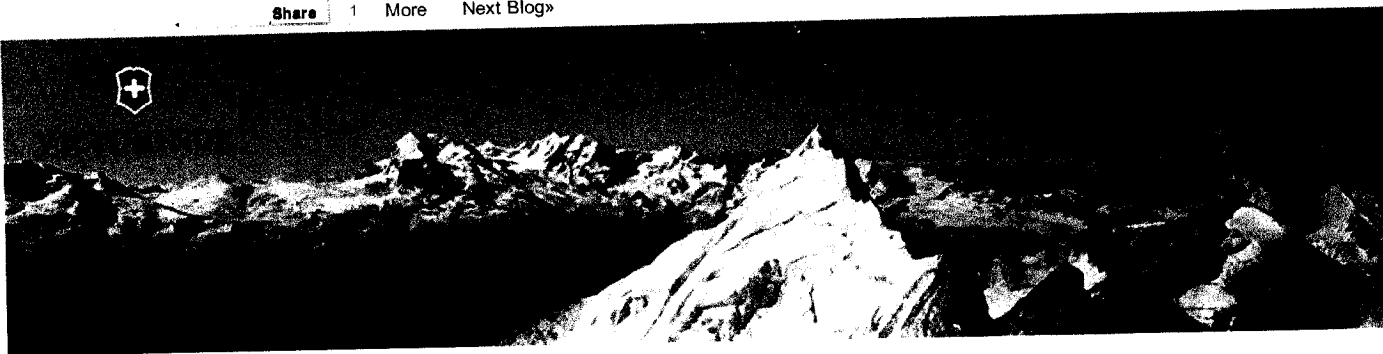
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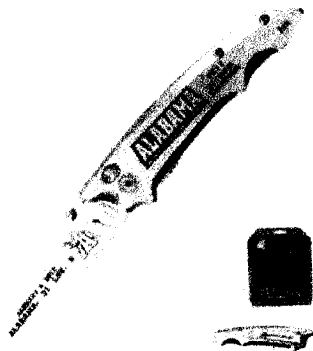
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Alabama 2011 Nat. Champs Linerlock Folder

Roll Tide! Commemorate Alabama's 2011 National Championship victory with this folder. The handle and blade feature high-polish 440 stainless steel construction. The razor sharp blade features a thumb stud and liner lock for easy, one-handed opening and closing, and the handle features an open-work cutout design. This handy, commemorative folder is completed by a belt clip and adjustable tension setting. Measures 3 3/4" closed.

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At a Glance

Specifications

Features 3-5/8", 8CR13 stainless steel honed blade, carbon fiber bolster with G-10 handle, thumbstud and clip. Knife measures 8-1/2" open. Limited forever warranty. Clamshell.

- 3-5/8" 8CR13 Stainless Steel Honed Blade
 - Carbon Fiber Bolster with G-10 Handle
 - Thumbstud and Clip
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Description:

Number of Blades: 1

Overview

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Product Description

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- 3-5/8" 8CR13 Stainless Steel Honed Blade
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- Thumbstud and Clip
- Knife Measures 8-1/2" Open
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Buck Sirius, Eagle w-Flames
Handle, Plain 297G4S
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Product Description

Buck Knife 297G2 Sirius is a full sized assisted-opening knife with Buck's patent-pending ASAP Technology. ASAP Technology is an advanced, dual-pivot design to assist blade opening. The knife features a rolling cam lock safety that is adjacent to the blade release ridge for easy one hand operation. ASAP Technology is a smooth, reliable and safe assisted opening system. The Sirius features a 3-1/4-inch drop point 420HC stainless steel blade with a thumb stud that also acts as the blade stop. The Sirius is 4-1/2-inches long closed and weighs 3.9 oz. It comes with red anodized aluminum handles with the Paul Bos Trio printed across the side and a stainless steel belt clip for easy carry. The Sirius, as with all Buck Knives, features Buck's 4-Ever Unconditional Lifetime Warranty.

Product Details

Item Weight: 6.4 ounces

Shipping Weight: 3.2 ounces ([View shipping rates and policies](#))

Shipping: Currently, item can be shipped only within the U.S.

ASIN: B000MX9K6A

Item model number: 297G2

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Chris Reeve Knives

From Wikipedia, the free encyclopedia

Chris Reeve Knives (CRK) is a U.S. corporation with international sales and distribution based in Boise, ID. CRK manufactures folding pocket knives, fixed blade knives, and custom walking sticks. He is known best for his folding knife the Sebenza. Their motto is *"Think Twice, Cut Once."*

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- 2 Products
- 3 Industry Awards
- 4 Chris Reeve Knives in popular culture
- 5 References
- 6 External links

Chris Reeve Knives

Type	Corporation
Industry	Manufacturing
Founded	Boise, ID (1993)
Headquarters	Boise, ID
Key people	Chris Reeve, Anne Reeve
Products	Knives
Employees	19
Website	www.chrisreeve.com (http://www.chrisreeve.com)

History

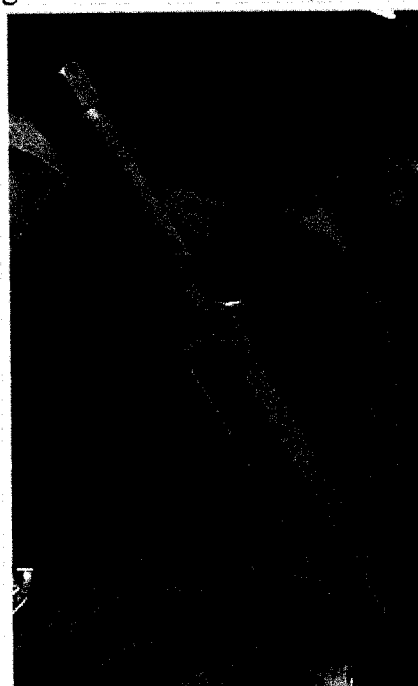
Chris Reeve Knives was founded as a sole proprietorship in January 1984, with Chris Reeve making custom knives in the single garage attached to the house in which Reeve was living in Durban, South Africa.^[1] In March 1989, Reeve and his wife/partner Anne Reeve immigrated to the United States, and CRK commenced manufacturing in Boise, ID.^[2] In July 1993, Chris Reeve Knives, sole proprietorship, became Reeve Incorporated, doing business as Chris Reeve Knives.^[3] Reeve collaborated with Dick Barber of Crucible Materials Corporation to develop CPM S30V steel as a knifemaking steel in 2003.^{[4][5]} Chris Reeve Knives has collaborated with William Harsey, Jr. on several fixed blade knife projects, and serves as the manufacturer of these knives.^{[6][7]}

Products

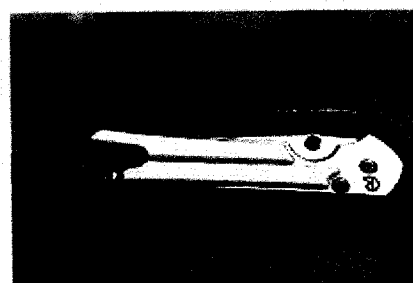
- One Piece Range^[8]: production 1983–2009. Fixed blade family of knives, featuring a hollow handle and blade manufactured from one continuous piece of A2 tool steel. Model families include the Sable (sabre style blade), Shadow (spear point blade), Mountaineer (single guard clip point blade), Ubejane (Skinner), and Mark (double guard clip point blade). Models possess blade lengths ranging from 10.2 to 22.9 cm (4" to 9"). After nearly three decades of production, the One Piece Range was retired due to both the expense of manufacture, and to make room in the CRK portfolio for new designs.
- Sebenza^[9]: production 1991 - present. Folding knife, introducing a stronger variation of the Walker linerlock called the Sebenza Integral Lock©, also commonly known as the framelock.^[10] The Sebenza is a utility knife with titanium handles and was originally introduced

with an ATS-34 stainless steel blade, followed by BG-42 and as of this writing, CPM S35VN steel.^[5] The Sebenza comes in two sizes, with blade lengths of 75mm/2.94"(Small Sebenza) and 92mm/3.625"(Large Sebenza). There are currently 3 different models out, in chronological order they are the regular, classic, and current 21 model. The major difference is between the regular and classic/21 model. The regular has scalloping and a smaller lock bar access cut out. The classic is very similar to the 21 (being its predecessor), with the main difference being the classic stamp on the lock side of the knife as well as having a rounded lock bar. They offer inlays ranging from micarta to wood to even ivory on the classic and 21 models. Even though the regular has been discontinued for a few years, they still offer it annually with different inlays every year.

- Umfaan: production 1997–2002. Folding knife similar in design to that of the Sebenza, but with a blade length of 58.42mm (2.3").
- Mnandi^[11]: production 2001 – present. Folding knife utilizing an Integral Lock, partially covered by a cosmetic inlay, focused at the businessperson . The Mnandi blade length is 69.5mm (2.75") and like the sebenza can also be had in Damascus Steel.^[12]
- Green Beret^[7]: production 2002 – present. Fixed blade knife designed in collaboration with William Harsey Jr., featuring single row serrations and a CPM S30V stainless steel spearpoint blade, offered in 139mm and 177mm (5.5" and 7") blade lengths. A version of this knife with special engraving and serialization on the blade, known as the **Yarborough** (named for Lieutenant General William P. Yarborough), is presented to every graduate of the United States Army Special Forces Q Course. The Yarborough may only be purchased by active or retired U.S. Army Special Forces soldiers.^[3]
- Neil Roberts Warrior: production 2004 – present. Fixed blade knife designed in collaboration with William Harsey, with 152.4mm (6"), CPM S30V stainless steel recurve spearpoint blade. This knife is dedicated to Mr. Roberts, the first U.S. Navy SEAL killed in Afghanistan.^[13]
- Inyoni: production 2005 – present. Fixed blade bird and fish knife with 88.9mm (3.5"), CPM S30V stainless steel double row (Kubuli) serrated blade.
- Pacific : production 2007 – present. Fixed blade knife designed in collaboration with William Harsey, with double row (Kubuli) serrations and 152.4mm (6") CPM S30V stainless steel clip point blade. The Pacific is the

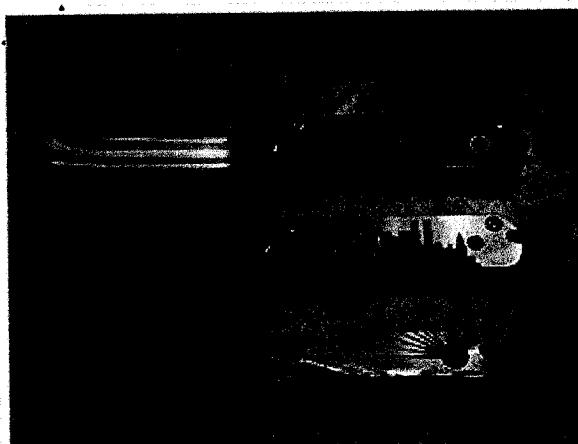


CRK Model Mark IV, the 1st production knife of the One Piece range of knives, *circa* 1983.



An example of a small Classic Sebenza with Mammoth Ivory inlays. Knife is resting on a CRK leather slip case.

civilian version of the "1st Group Knife", denoted by special engraving on the knife blade. The 1st Group Knife was designed and is manufactured at the request of the U.S Army Special Forces 1st Group to commemorate their 50th anniversary of operations. The 1st Group Knife may only be purchased by active or retired 1st Group soldiers.^[6]



Three Sebenzas: Large Regular with ATS-34 Steel blade and a Large and Small Regulars featuring Damascus steel blades with computer engraved and anodized handles

- Professional Soldier: production 2008 – present. Fixed blade knife designed in collaboration with William Harsey, with 86mm (3.375") CPM S30V stainless steel spearpoint blade, and cut-out in handle for use as a shackle wrench.
- Umnumzaan: production 2008 – present. Folding knife, with 2nd generation Integral Lock. The Umnumzaan is a utility knife with titanium handle slabs and 93.4mm (3.675") CPM S30V stainless steel blade.^[14] It also features a glass breaker that is exposed when the knife is closed.
- Sikayo Range: production 2009 - present. A range of chef's knives, the Sikayo is available in both 6.5" and 9.0" blade lengths. Sikayo blades are made with CPM S35V stainless steel, and are ground on one side only. The name Sikayo is the Zulu word for "sharp".
- Nyala: Production 2010 - present. The Nyala is a modern version of the classic skinning knife. The integral handle and blade of CPM S35VN is possesses spiral and lineal grooves in the micarta handle providing incremental positive grip, and serrations on the spine are provided for enhanced control. The Nyala blade length is 3.75".
- Ti-Lock: Production 2010 - present. The Ti-Lock is a folding knife featuring a new locking mechanism by the same name. The Ti-Lock mechanism was conceived as a means to isolate the lock from the body of the knife, in order to allow more design freedom for handle and frame. It is completely ambidextrous, allowing equal left and right hand use. The Ti-Lock was a collaborative development by Grant and Gavin Hawk, and Chris Reeve.^[15]

Industry Awards

- 1987 Knifemaker's Guild of Southern Africa "Best Folding Knife" (Sebenza predecessor)
- 2000 ^[16], 2001 ^[17], 2003 ^[18], 2004, 2005, 2006 ^[19], 2007 ^[6], 2008 ^[14], 2009, 2010 ^[15], 2011, 2012 ^[20] "Manufacturing Quality Award"
- 2003 "Collaboration Knife of the Year" ^[18] ("The Green Beret Knife", a collaboration between CRK and William Harsey, Jr.)
- 2005 "Collector Knife of the Year" ("21st Anniversary Sebenza")
- 2006 Grays Sporting Journal "Gray's Best" Award

12

Strider Knives

From Wikipedia, the free encyclopedia

Strider Knives, Inc. is a custom and production knifemaking facility headed by Mick Strider and Duane Dwyer based in San Marcos, California.

Contents

- 1 Materials and design
- 2 Strider folding knives
- 3 Military models
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Materials and design

Strider Knives makes folding knives and fixed-blade knives, using metals such as ATS-34, CPM S30V steel, titanium, stellite, beryllium, damascus steel, and BG-42 for the blades.^{[1][2]}

Strider fixed blade knives utilize either parachute cord or G-10 fiberglass for the handle material.

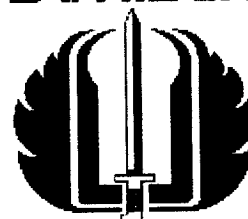
Strider uses a proprietary heat treatment originally developed by Paul Bos of Buck Knives.^[2] This resulted in knives with blades of ATS-34 or BG-42 coming back from heat treat with a very dark colored blade which would then be bead blasted a flat grey color. After masking a blade before beadblasting, Mick Strider found it resulted in a striping or camouflage effect and it has become a part of the design.^{[3][4]} As the newest steel Strider uses, CPM S30V does not darken after heat treating, a black oxide coating is applied beforehand.^[3]

Strider folding knives

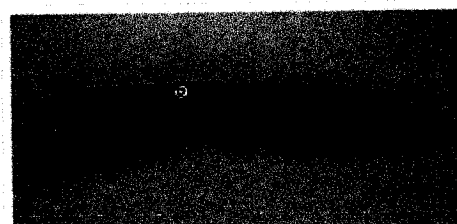
After eight years of making fixed blade knives, Strider turned to making folding knives.^[4] Strider's goal was to produce a folding knife that was as strong as a fixed blade.^[4] To work toward this goal, Strider relied on the use of G10 Fiberglass handles, titanium liners thicker than what was in current use throughout the cutlery industry and an oversized pivot screw 0.19" in diameter.^[4] The end results were two linerlocks known as the AR and GB models. Strider makes titanium handled framelock folding knives.^[4] These models utilize the handle itself as the locking mechanism

Strider Knives

STRIDER



Type	LLC
Industry	Manufacturing
Founded	San Marcos, California (1997)
Headquarters	San Marcos, California, 1997
Key people	Mick Strider, Duane Dwyer, Josh Lee
Products	Knives
Revenue	N/A
Employees	N/A
Website	www.striderknives.com (http://www.striderknives.com/)



Strider SnG folding knife

and are named the SMF, SnG, PT, and RC models.^[4]

Military models

Strider's first project as a company was to supply Naval Special Warfare Group 1 with WB and BG models in 1994.^{[5][6]} Strider Knives currently makes several models specifically for units of the US Military in the Global War on Terror,^{[7][8]} each with its own NSN.^[4] National Stock Numbers are: Strider SMF (officially - Knife, Folding, Special Mission) 1095-01-531-5015, Strider DB-L (officially - Knife, Fixed, Camo) 1095-01-531-5023, the JB1 (officially - Shroud Knife) 1670-09-000-3920, and the Probe Knife 1095-01-503-7231, built for landmine detection.

Strider Knives has designed a new bayonet it hopes to market to the US military. The blade is CPM S30V and it features a tang extending all the way to the latch plate for increased strength. Strider designed the bayonet for Zero Tolerance Knives, which will release it as the ZT Bayonet D9.^[9]

Strider Knives has manufactured modern versions of classic military designs such as the V-42 Stiletto, the Marine Raider Stiletto, the SOG Knife, the USMC Fighting Utility Knife, and the Fairbairn-Sykes Fighting Knife. These versions have the same profile as the originals, but incorporate modern steel and materials in their designs. The SOG Knife, Marine Raider Stiletto, and V-42 Stiletto have been used to raise funds for Veteran's Groups associated with those units.^[4]

Collaborations

Strider Knives has collaborated with the following companies:

- Buck Knives for a variety of Strider developed knife designs mass produced at a more affordable price.^{[4][10]}
- SureFire Flashlights. Strider Knives collaborated with SureFire by making an exclusive SF fixed-blade numbered and marked with the SureFire logo and sold with an identically numbered Strider marked M2CombatLight.^{[11][12]}
- Unertl Optics (longtime manufacturer of USMC Scout Sniper Scopes) for a unique SMF knife paired up with each custom 1911 pistol sold.
- Kershaw Knives (under the Zero Tolerance Knives affiliate) for Strider joint designs with custom Knifemaker, Ken Onion. A portion of the proceeds from every sale of Zero Tolerance Knives is donated to the Paralyzed Veterans of America. Strider, Ken Onion and Zero Tolerance won Blade Magazine's Publisher's Award for 2006 because of this collaboration.^[13]
- Richard Marcinko for the Rogue Warrior series of knives.^[14]

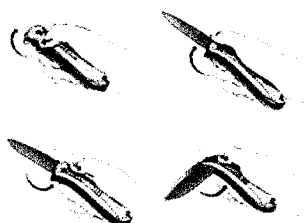
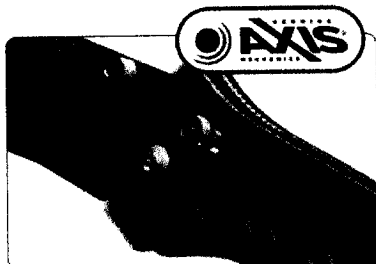
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1. [^] Covert, Pat. "Strider Knives Are Hard Corps", *American Handgunner*, March-April 2000
2. [^] ^{*a*} ^{*b*} Gardner, James. "Duel of the Titans: two exceptional folders exemplify state-of-the-art", *Guns Magazine*, June

Mechanisms

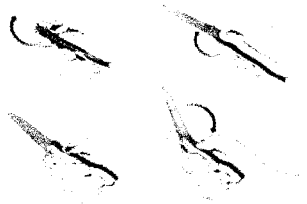
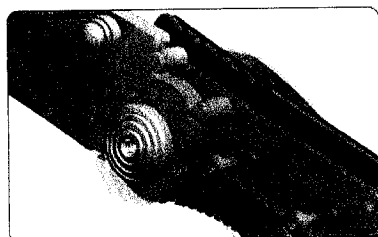
Seems simple enough. You open the knife, you close the knife. But it's the mechanics of motion that happens in the process, which can make the difference between ordinary and extraordinary. Is the knife easy to actuate, can the knife be opened with one hand, is it ambidextrous, and will it be reliable when you need it most? These are all essential considerations when it comes to knife mechanics.

Benchmade offers several mechanisms, from patented exclusives including the unparalleled AXIS®, to more traditional lock back designs. It all comes down to your level of desired function.

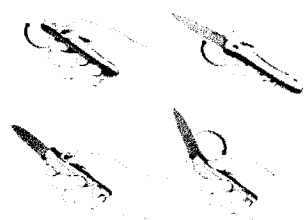
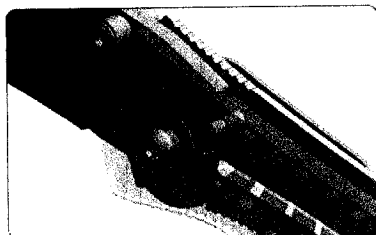


AXIS® A patented Benchmade exclusive, AXIS® has been turning heads and winning fans ever since its introduction. A 100-percent ambidextrous design, AXIS® gets its function from a small, hardened steel bar which rides forward and back in a slot machined into both steel liners. The bar extends to both sides of the knife, spans the liners, and is positioned over the rear of the blade. It engages a ramped, tang portion of the knife blade when it is opened. Two omega style springs, one on each liner, give the locking bar its inertia to engage the knife tang. As a result, the tang is wedged solidly between a sizable stop pin and the AXIS® bar itself. Available in manual, assist or automatic configurations.

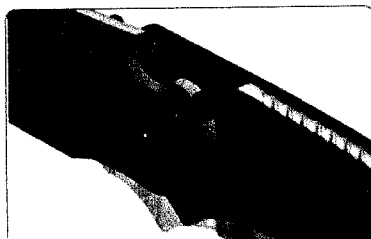
Notice: The carry-clip has been installed on the right side (or non-Benchmade logoed side of blade) of AXIS knife products for right side pocket carry. If you prefer to clip-carry the knife in the left side pocket, it is important that you remount the carry-clip on the other side of the knife handle. This is recommended for ideal access and optimum user safety.



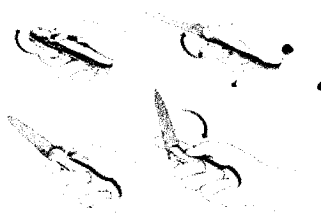
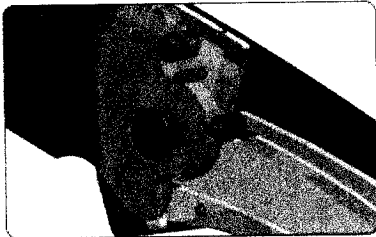
MODIFIED LOCKING-LINER The basic principle is an integral locking bar within the knife liner being stress bent, enabling it to spring into position behind the rear tang of the blade when the blade is opened. The locking bar wedges against the rear of the blade, locking it open until you physically push it clear and close the blade (locking-liners are made either right or left hand specific). And with a modified locking-liner you get a patented feature which helps to enhance the lock function. The function success and function failure of a locking-liner depends greatly on how well it is made and also the quality of the materials used. With Benchmade, you get both.



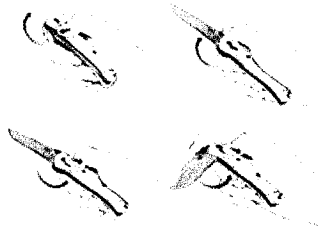
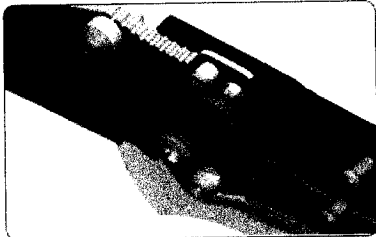
MONOLOCK The monolock mechanism is basically a locking-liner on steroids. The knife liner is one in the same as the knife handle, and thus it is designed and made to function as the locking mechanism. Subsequently, a thicker material is used to provide enough surface area to be a functional handle, and in turn creates a larger surface area to lock the blade with. If executed properly, the monolock design rates very highly in strength and function.



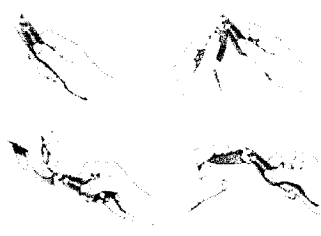
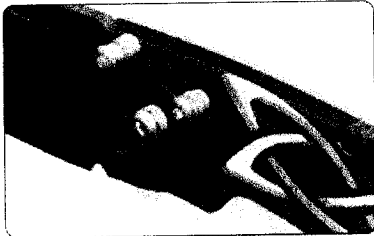
NAK-LOK® Built from the framework of the locking-liner with some innovative updates. The lock engages using tensile strength, compared to the compression hold of more traditional locking-liners. With the Nak-Lok™, the possibility of personal injury is greatly reduced with the opening finger never crossing the blades path.



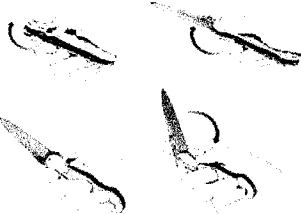
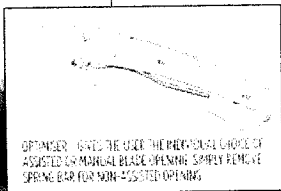
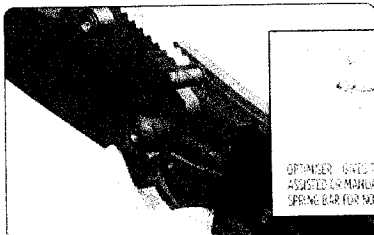
NITROUS® Another patented Benchmade exclusive, the Nitrous™ boosts the blade with ease. As the blade is closed the two torsion arms which run the length of the handle liners are secured in place and make contact with the blade tang. As tensioned against the blade tang, the user rotates the blade open to a 30-degree angle, the torsion arms take over and continue the blade opening process on its own. The huge advantages to the Nitrous design over other similar concepts, is that the blade must be rotated open to beyond a 30-degree angle, which offers added user control.



ROLLING LOCK® WITH INDRAFT® Another patented Benchmade exclusive, the Rolling Lock utilizes a sizable, notched lock-pin, which secures against the blade tang when engaged. To disengage, a spring actuated thumb button on the right handle side is drawn back to rotate the lock pin and free the blade. InDraft is a patented exclusive, which is a combination of a slotted liner and a pin in the blade tang working in tandem to generate an inward inertia when closing the blade. These results in one of the safest blade detents available today.



LEVITATOR® A patented Benchmade exclusive, the knife handle scale/liner is cut to create a spring system which is used to leverage a lock-pin in and out of a notch in the tang of the blade. This spring/pin system effectively locks the blade both in the open and closed positions.



OPTIMISER® SYSTEM Another patented Benchmade exclusive, which "optimizes" the knife mechanism if the user chooses to do so... A steel torsion bar running the length of the inside handle spine is secured in place and contacts a surface area of the blade tang. As the blade is closed the spring is tensioned against the blade tang, then as the user rotates the blade open to a 30-degree angle the spring-bar is engaged and continues the blade to its full, locked open position. The huge advantage to the Optimiser® design over similar concepts is that the blade must be rotated open beyond a 30-degree angle, which offers added user control. And even more amazing, the Optimiser can be added or removed at the discretion of the user and the knife mechanism still functions normally. The choice is yours.



LOCK-BACK A basic functional lock that is relatively simple and low cost to manufacture. In practice the lock design positions a stop bar parallel to and in direct line with the blade at the upper back or rear tang of the blade to lock the blade open. Basically, as the blade is rotated open, the spring tensioned, center pivoted stop bar tracks around the circular portion of the blade tang until it drops or locks into the notched out tang. And to release the lock, the exposed portion of the stop bar in the handle back is depressed into the handle, pivoting the stop bar out, releasing the locked blade. This style of locking mechanism requires two hands to safely close the blade although you may still easily open the blade single-handed if desired.



AUTOMATIC It's important to first note that these types of knives are restricted to Active Duty Military and Law Enforcement, and federally regulated. Be certain of permissibility in your location including state or local governments and within your reporting bodies. These are folding knives, which open at the push of a button... An especially important feature to have if your disability, occupation or profession has the potential of limiting your mobility or freedom to access a knife through traditional means. The blade is deployed out from the handle side like traditional folding knives, but the blade is spring open assisted to a fully locked position. Benchmade is recognized for making some of the finest auto opening knives in the world. These are primarily manufactured for Law Enforcement, Military and Government Agency distribution. The Benchmade autos take full advantage of a powerful coil spring blade actuator coupled with our precisely machined taper lock mechanism, proving itself to be the most reliable system available in auto open knives. And our patented integrated safety mechanism (located on handle spine) ensures that the blade will not inadvertently deploy or close once it is locked open. Benchmade autos are precision engineered and manufactured to perform in the real world, you would be hard pressed to find a superior tool.

BALI-SONG® As much an art form as it is the ultimate example of form following function. The Bali-Song or butterfly knife is of Filipino ancestry dating back to nearly 800 A.D. Its basic form consists of a pin-hinged, two piece handle, which when closed encases the blade for carry. And when opened, come together to form the knife handle for blade use. This can all be accomplished with a single hand -making the tool that much more utility capable. Benchmade is recognized as the leader when it comes to making Bali-Song® knives.

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Robert Terzuola

From Wikipedia, the free encyclopedia

Robert G. Terzuola is an American knife maker who popularized the type of knife known as the tactical folding knife.^[1]

Early life

Terzuola was born in Brooklyn, New York and attended New York University. Upon graduation in 1967 he went to Panama as a Peace Corps trainer^[2] and later became a jade carver and gemologist in the Motagua river valley, Guatemala.^[3] By 1979, Terzuola began making knives and in 1981 joined the Knifemakers' Guild on an endorsement from Bob Loveless.

Knifemaking

Terzuola's first knives were fixed blade designs, made for soldiers in Guatemala. In 1981 he relocated to Santa Fe, New Mexico and began making folding knives. Seeing a need for a knife that could be carried discreetly he developed a model using black micarta for the scales and bead-blasted titanium bolsters; for this effort he coined the term "Tactical Knife".^[4]

Terzuola's most popular model is the ATCF, a linerlock folding knife. This was his first tactical folding knife, although he makes it with non-tactical materials on occasion with ivory or stag scales and damascus steel blades.^[5]

Terzuola has authored a book about the design of tactical knives and has authored articles about tactical knives and knifemaking for *Blade*, *Soldier of Fortune* and other publications. In 2006 he relocated his shop to Albuquerque, New Mexico.^[4]

Terzuola has collaborated with other knifemakers and production companies including Spyderco, Strider Knives, and Microtech Knives.^{[6][7]}

References

- ↑ Burch, Michael (2011). "Tactical Tuxedos". In Joe Kertzman. *Knives 2012: The World's Greatest Knife Book* (32 ed.). Iola, Wisconsin: Krause Publications. p. 52. ISBN 978-1-4402-1687-9. "some say that it was in the mid-'80s when the phrase became popular to describe Bob Terzuola's ATCF (Advanced Technology Combat Folder)."
- ↑ Society for International Development (1975). *International development review*. **17**. Society for International Development. p. 20.
- ↑ Feldman, Lawrence H. (1975). "Jade workers in the Motagua Valley: the late classic Terzuola site". *Museum briefs* (Museum of Anthropology, University of Missouri--Columbia) (17): 1–4.
- ↑ *a b* **Terzuola, Robert** (2000). *The Tactical Folding Knife: A Study of the Anatomy and Construction of the Liner-Locked Folder*. Iola, Wisconsin: Krause Publications. ISBN 0-87341-858-1.
- ↑ Dick, Steven (1997). *The Working Folding Knife*. Stoecker Publishing Company. ISBN 978-0-88317-210-0.

Robert Terzuola

Born	Brooklyn, New York, U.S.
<i>Alma mater</i>	New York University
Occupation	Knifemaker, jeweler
Influenced by	<div> <ul style="list-style-type: none">Bob Loveless Michael Walker </div>
Spouse	Susan



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Strider folding knives

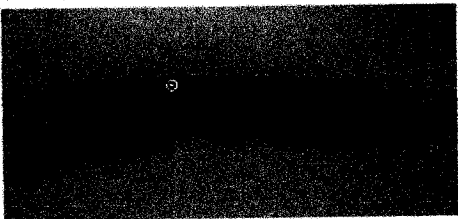
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STRIDER



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Military models

Strider's first project as a company was to supply Naval Special Warfare Group 1 with WB and BG models in 1994.^{[5][6]} Strider Knives currently makes several models specifically for units of the US Military in the Global War on Terror,^{[7][8]} each with its own NSN.^[4] National Stock Numbers are: Strider SMF (officially - Knife, Folding, Special Mission) 1095-01-531-5015, Strider DB-L (officially - Knife, Fixed, Camo) 1095-01-531-5023, the JB1 (officially - Shroud Knife) 1670-09-000-3920, and the Probe Knife 1095-01-503-7231, built for landmine detection.

Strider Knives has designed a new bayonet it hopes to market to the US military. The blade is CPM S30V and it features a tang extending all the way to the latch plate for increased strength. Strider designed the bayonet for Zero Tolerance Knives, which will release it as the ZT Bayonet D9.^[9]

Strider Knives has manufactured modern versions of classic military designs such as the V-42 Stiletto, the Marine Raider Stiletto, the SOG Knife, the USMC Fighting Utility Knife, and the Fairbairn-Sykes Fighting Knife. These versions have the same profile as the originals, but incorporate modern steel and materials in their designs. The SOG Knife, Marine Raider Stiletto, and V-42 Stiletto have been used to raise funds for Veteran's Groups associated with those units.^[4]

Collaborations

Strider Knives has collaborated with the following companies:

- Buck Knives for a variety of Strider developed knife designs mass produced at a more affordable price.^{[4][10]}
- SureFire Flashlights. Strider Knives collaborated with SureFire by making an exclusive SF fixed-blade numbered and marked with the SureFire logo and sold with an identically numbered Strider marked M2CombatLight.^{[11][12]}
- Unertl Optics (longtime manufacturer of USMC Scout Sniper Scopes) for a unique SMF knife paired up with each custom 1911 pistol sold.
- Kershaw Knives (under the Zero Tolerance Knives affiliate) for Strider joint designs with custom Knifemaker, Ken Onion. A portion of the proceeds from every sale of Zero Tolerance Knives is donated to the Paralyzed Veterans of America. Strider, Ken Onion and Zero Tolerance won Blade Magazine's Publisher's Award for 2006 because of this collaboration.^[13]
- Richard Marcinko for the Rogue Warrior series of knives.^[14]

References

1. ^ Covert, Pat. "Strider Knives Are Hard Corps", *American Handgunner*, March-April 2000
2. ^ ^a ^b Gardner, James. "Duel of the Titans: two exceptional folders exemplify state-of-the-art", *Guns Magazine*, June

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE TRADEMARK TRIAL AND APPEAL BOARD

UNITED CUTLERY CORPORATION,

Opposer,

v.

MICHAEL L. WALKER

Applicant

Opposition No. _____
Application Serial Number 85/559,248
for the mark LINERLOCK

In the matter of an application to register a trademark under the Trademark Act of July 5, 1946 in the name of MICHAEL L. WALKER, an individual and citizen of the United States whose address is P.O. Box 1924, Taos, New Mexico 87571 (hereinafter WALKER or Applicant), published in the Official Gazette of the United States Patent and Trademark Office on July 24, 2012, the Opposer, UNITED CUTLERY CORPORATION (hereafter UNITED CUTLERY or Opposer), a corporation organized and existing under the laws of the State of Georgia, having a principal place of business at 475 US Hwy 319 South, Moultrie, Georgia 31768, believes that it would be damaged by registration of said Application Serial Number 85/559,248 for the mark LINERBLOCK and hereby gives Notice of Opposition to the registration of the alleged trademark and hereby appoints John S. Hale, a member of the Bar of the Commonwealth of Virginia, located at 6665-A Old Dominion Drive, McLean, Virginia 22101, as its attorney with full power of substitution and revocation, to prosecute this Notice of Opposition and to transact any and all business connected herewith before the United States Patent and Trademark Office.

As grounds for this Opposition, Opposer alleges:

1. Applicant WALKER has filed an application for registration of the mark LINERLOCK in International Class 008 for goods described as "Blades for folding knives; Carving knives; Cutlery, namely, folding knives; Fishing knives; Folding knives; Hunting knives; Knives for hobby use; Pocket knives; Sport knives; Working knives."

2. This application was published for opposition on July 24, 2012, and Opposer has timely filed for, and the Trademark Trial and Appeal Board has granted, an extension of time to file an opposition until September 22, 2012.

3. Opposer, UNITED CUTLERY, is a corporation organized and existing under the laws of the State of Georgia with a place of business at 475 US Hwy 319 South, Moultrie, Georgia 31768. UNITED CUTLERY, itself and through its subsidiaries, affiliates and related companies, manufactures, markets and sells, among other products, knives including folding knives, pocket knives, sport knives and working knives throughout the world.

4. UNITED CUTLERY uses and/or has used the term "liner lock" both internally and in published documents to indicate a knife lock type. (Exhibit A).

5. The term "liner lock" is a common descriptive term of art used in the knife industry, denoting an interior blade lock mechanism. The "liner lock" mechanism was patented in 1904, as shown in Exhibit B. The term "liner lock" is used and known through out the knife industry as describing a specific type of blade locking mechanism for knives (Exhibit C).

6. The term "liner lock" is commonly used throughout the knife industry to denote knives having a liner lock mechanism as shown by the use of the term (Exhibit D).

7. Applicant's LINERLOCK mark, if used in connection with " Blades for folding knives; Carving knives; Cutlery, namely, folding knives; Fishing knives; Folding knives;

Hunting knives; Knives for hobby use; Pocket knives; Sport knives; Working knives" would be generic, or, at most, descriptive of such goods.

8. If Applicant obtains the registration herein opposed, he would obtain a prima facie exclusive right to use of the LINERLOCK mark. Such registration would be a source of damage and injury to Opposer (and others) that currently use, or will use, the descriptive designation "LINERLOCK" to describe the locking mechanism in their own products, since it may subject them to an infringement suit and injunction prohibiting use of the descriptive term.

9. Registration should, therefore, be refused pursuant to Section 2(e)(1) of the Trademark Act of 1946, as amended, 15 U.S.C. § 1052(e)(1), on the grounds that Applicant's LINERLOCK mark is a generic term, or, at least, a merely descriptive term.

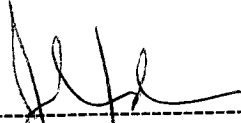
10. On information and belief, Applicant has also failed to use the mark LINERLOCK on all of the goods for which he seeks registration. Specifically, on information and belief, Applicant is not using the mark LINERLOCK in connection with "Blades for folding knives; Carving knives; Hunting knives; Sport knives; and Working knives " as he has claimed in his application. Because Applicant's identification of goods for registration contains false statements, Registration should be refused.

WHEREFORE, this Opposer, UNITED CUTLERY CORPORATION, believes and avers that it is and will continue to be damaged by the registration of Application Serial No. 85/559,248 as aforesaid and prays that said Applicant be required to answer this Notice of Opposition and that said Application be refused and denied.

Our check for the official filing fee is attached. The Commissioner is hereby authorized to charge any additional fees for the filing of this Notice of Opposition to our Deposit Account No. 07-1340.

Respectfully submitted,

UNITED CUTLERY CORPORATION

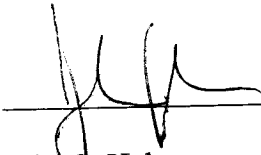


By: John S. Hale
Attorney for Opposer

6665-A Old Dominion Drive
McLean, Virginia 22101
(703) 4448-1770 ext. 104
Attorney Reference: Z-1661

CERTIFICATE OF SERVICE

The undersigned hereby certifies that he caused a true and correct copy of the foregoing **NOTICE OF OPPOSITION** to be served upon the attorney of record for Applicant in this proceeding in an envelope addressed to Alberto A. León, Esq. BAUMAN, DOW & LEÓN, P.C., 7309 Indian School Road NE, Albuquerque, New Mexico 87110, which is the address submitted by applicant's attorney to the undersigned by First Class mail, postage prepaid this 24th day of September, 2012.



John S. Hale

EXHIBIT A

• , , , , ,
• , , , , ,

1

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United Cutlery Orion Liner Lock Grey hard coat finish, rubber insert



No Reviews, Be the first to review this item!

Part Number: **UC1093GS**

Manufacturer: **United Cutlery**

~~\$25.00~~

Price:

\$18.95

Sale Price:

\$14.95

Select Qty:

In Stock.

Availability limited to stock on hand.

Overview

Reviews

UC1093GS Orion Liner Lock Grey hard coat finish, rubber insert
Half serrated - grey, closed length: 4-5/16 ", Blade Length 2-7/8", Blade Thickness 1/8", Blade
Material: 420 J2 stainless steel, Cast aluminum with a grey hard coat finish and a rubber
insert. Stainless Steel hex screw construction

Customer Reviews

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2

Welcome, roel1848 (Sign in to bid or buy)

CATEGORIES ELECTRONICS FASHION MOTORS TICKETS DEALS CLASSIFIEDS

Back to home page | Listed in category: Collectibles > Knives, Swords & Blades > Folding Knives > Modern (1970-Now) > Factory Manufactured

FORD LICENSED UNITED CUTLERY LINERLOCK FD31



Item **New**
condition:

Quantity: **1** 1 available / 1 sold

Price: **US \$11.99**

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is earned a track record of excellent service

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Bill Me Later New customers get \$10 back on 1st purchase
Subject to credit approval. See terms

Shipping: **\$2.46** Standard Shipping | See details
Item location: **Apopka, Florida, United States**
Ships to: **United States, Canada** See exclusions

Delivery: Estimated on or before **Tue. Sep. 25** to 22101

Payments: **PayPal**, Bill Me Later | See details

Returns: **14 days money back**, buyer pays return shipping | Read details

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Item number: 400030987157

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Item specifics

Condition: **New: A brand-new, unused, unopened, undamaged item (including handmade items). See the seller's listing**
... Read more

Country: **Taiwan**

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Store Categories

FORD by UNITED CUTLERY

Ford Linerlock Black. 4" closed. 440 stainless blade and ambidextrous thumb studs. Black Zytel handles with Magna-grip inserts. Pocket Clip.

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Knives

Sharpening Devices

Sailing, Boat, Diving Knives

Multi-tools

Survival and Outdoors

Knifemaking Supplies

Disney

Disney for Kids

Belt Buckles

Zippo

Hard Rock

Shirts and Clothing

Optics

Pins

New Old Stock Cutlery

Collectibles

Decorative Accessories

Old fashioned razors

Other

Made in Taiwan.

New in the box.

NOTE: One hand opening knives such as framelocks, linerlocks, or lockbacks that have a thumb stud, hole or device for opening with one hand can not be shipped to Australia.

THE FINE PRINT

Note: Products carry only the warranty that may be provided by the individual manufacturer. I'm not an authorized service center for any brand. Returns are accepted only for unused products that don't match the description provided in the listing. You must be 18 years of age to purchase a knife and it is up to you to be sure that it is legal in your jurisdiction.

Note: Most parcels will ship with a Delivery Confirmation number. You can verify delivery with Delivery Confirmation. USPS Delivery Confirmation service gives you the date, ZIP Code? and the time your article was delivered. If delivery was attempted you will get the date and time of attempted delivery. You will notice that this DOES NOT give you in transit tracking. The online lookup of the confirmation number will show NO change in status until the package is actually delivered.

The vast majority of items in my eBay store are in new condition. A lot of them have more than one piece available and as such, the picture is generic and is not the actual item that you will receive. Many materials vary in appearance from one lot to the next so color or texture may vary from the picture. Undoubtedly, you have a different monitor than I do and what you are seeing may not look exactly like what I am seeing. If you have any questions, please email me before you make a purchase. I will do my best to clarify the issues before they become a problem.

Note to buyers outside of the U.S. Tracking is included with Global Priority Mail. Tracking is NOT available with First Class Mail or Flat Rate Packaging. First Class mail does not offer tracking and transit time on First Class can be up to 3 weeks.

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Mfg Cost Engineering

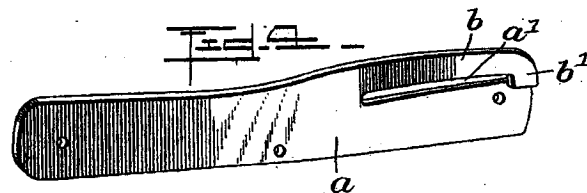
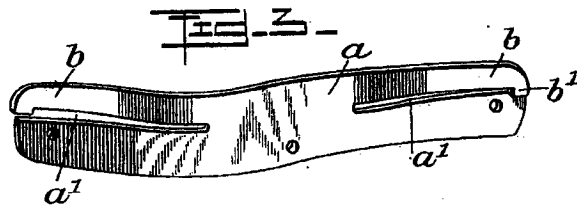
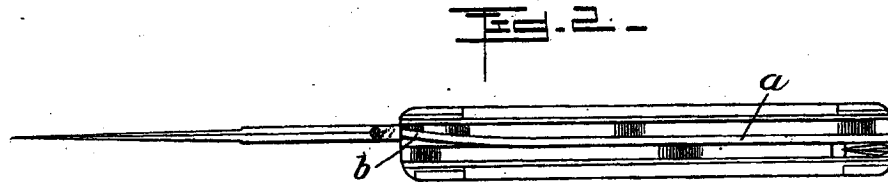
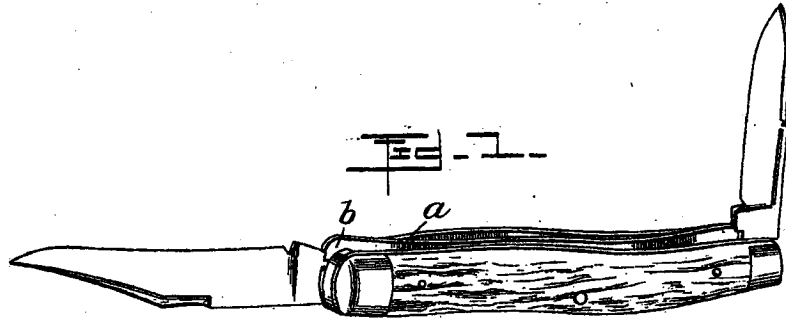
EXHIBIT B

No. 825,093.

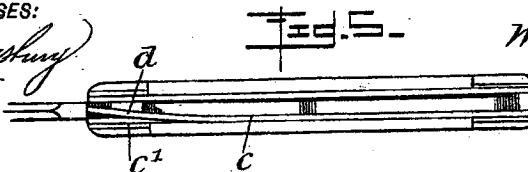
PATENTED JULY 3, 1906.

W. F. WATSON.
KNIFE.

APPLICATION FILED AUG. 4, 1905.



WITNESSES:
Geo. P. Kingsbury
A. W. Day



INVENTOR
William F. Watson
BY *Munn & Co.*
ATTORNEYS

UNITED STATES PATENT OFFICE.

WILLIAM FRANKLIN WATSON, OF TIDIOUTE, PENNSYLVANIA, ASSIGNOR
OF ONE-HALF TO ROY CHADWICK, OF TIDIOUTE, PENNSYLVANIA.

KNIFE.

No. 825,093.

Specification of Letters Patent.

Patented July 3, 1906.

Application filed August 4, 1905. Serial No. 272,682.

To all whom it may concern:

Be it known that I, WILLIAM FRANKLIN WATSON, a citizen of the United States, and a resident of Tidioute, in the county of Warren and State of Pennsylvania, have invented a new and Improved Knife, of which the following is a full, clear, and exact description.

My invention has for its principal object the provision of means for automatically locking the blade of a knife, especially of that form known as a "jack-knife," in open position.

Although especially adapted to jack-knives, it can be used for any other kind of a knife having a movable blade. For the accomplishment of this object I provide means which is at once simple and inexpensive and which does not add a single piece to the jack-knife of ordinary construction.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of a knife embodying my invention. Fig. 2 is a plan of the same. Fig. 3 is a perspective view of a plate constituting a portion of the knife. Fig. 4 is a perspective view of a modified form of plate; and Fig. 5 is a plan of a knife, showing a slight modification.

The invention may be applied to knives having any desired number of blades located in any ordinary way. At the side of the blade is located a plate *a*, riveted in the handle, as is usually the case; but instead of being made solid this plate is provided with a slit *a'*, above which is a tongue *b*. This tongue is formed of resilient material and normally projects over the end of the blade, as shown in Fig. 2. It is provided with a shoulder *b'* for engaging the end of the blade and securely holding it in open position. In the form shown in Figs. 1, 2, and 3 this plate is the ordinary center plate provided with two slits *a'* and two tongues *b* in order to lock the two blades. In Fig. 4 I have shown a similar center plate having only one slit and one tongue. This is used for one-bladed knives and for others in which it is desired to apply my invention to only one blade. Instead of applying the invention to the center plate it can be applied to the lining, as is shown in Fig. 5. In this case the lining is represented by the letter *c*, and it is provided with a lock-

ing-tongue *d* and a slit *c'*, as before, and operating in the same manner.

The operation of the device is very simple. When the blade of the knife is closed, the tongue *b* naturally rests at its side, and the plate *a*, whether constructed as one of the division-plates ordinarily employed in the knife or not, has no function at this time. If it is made in the form of one of the division-plates, it merely serves that purpose, and the tongue merely presses against the blade with a yielding pressure. The knife is opened in the usual manner, and when the blade is fully open, as shown in Figs. 1, 2, and 5, the tongue will by its own resiliency spring over the surface of the blade and hold it locked in open position until the tongue is forced back out of the way. The tongue of course performs no operation on the blade when in partly-open position, as shown at the right of Fig. 1, except to exert a pressure upon it and add to the friction.

It will be observed that by the use of the principle of my invention, whether in the forms shown or not, the advantages of locking the blade when in open position can be readily attained with very little increase in cost and without the addition of a single element to an ordinary knife.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A knife comprising a blade and a plate pivoted thereto, said plate being slotted longitudinally at one side of the point of pivotal connection to form a tongue, and the said tongue being offset from the plane of the plate and normally pressing against the blade, said blade having a notch in which the said tongue engages when the blade is opened into longitudinal alinement with the plate.

2. A knife having a plate formed of resilient material and located at the side of the blade, said plate having a tongue normally adapted to project over the blade when open and lock it in open position.

3. A knife having a plate provided with a longitudinal slit near one end, bounded on one side by a tongue, said tongue being of resilient material and being normally bent out of the plane of the plate on the other side of the slit into such position as to engage the top of the rear end of the blade when in open position, said tongue being located on the side of

the handle of the knife from which the blade opens.

4. In a knife the combination of a movable blade, and a plate located adjacent thereto, said blade having a longitudinal slit, a resilient tongue forming one wall of said slit and adapted to normally project over the end of said knife-blade when the latter is open, said tongue being provided with a projection for engaging the end of the blade and locking it in open position.

5. A knife comprising a blade and a plate pivoted thereto, said plate having a resilient tongue offset from the plane of the plate and

engaging the end of the blade when the said blade is opened.

6. A knife comprising a blade and a plate pivoted thereto, said plate having a resilient tongue offset from the plane of the plate, whereby to project over the blade and lock it in open position.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

Witnesses:

WILLIAM FRANKLIN WATSON.

R. TAGGART,

E. H. McMANN.

EXHIBIT C

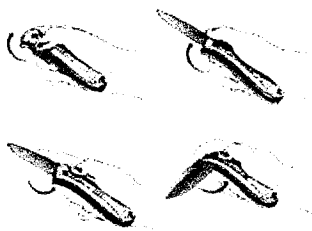
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Mechanisms

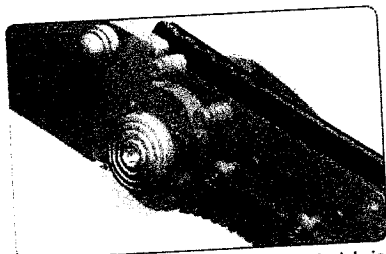
Seems simple enough. You open the knife, you close the knife. But it's the mechanics of motion that happens in the process, which can make the difference between ordinary and extraordinary. Is the knife easy to actuate, can the knife be opened with one hand, is it ambidextrous, and will it be reliable when you need it most? These are all essential considerations when it comes to knife mechanics.

Benchmade offers several mechanisms, from patented exclusives including the unparalleled AXIS®, to more traditional lock back designs. It all comes down to your level of desired function.

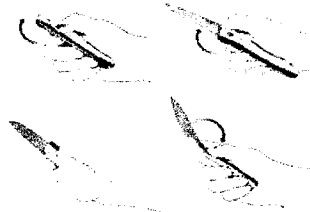
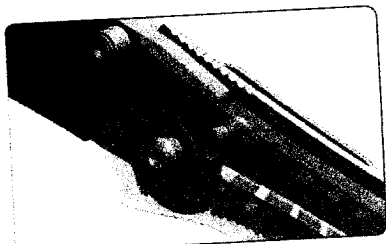


AXIS® A patented Benchmade exclusive, AXIS® has been turning heads and winning fans ever since its introduction. A 100-percent ambidextrous design, AXIS® gets its function from a small, hardened steel bar which rides forward and back in a slot machined into both steel liners. The bar extends to both sides of the knife, spans the liners, and is positioned over the rear of the blade. It engages a ramped, tang portion of the knife blade when it is opened. Two omega style springs, one on each liner, give the locking bar its inertia to engage the knife tang. As a result, the tang is wedged solidly between a sizable stop pin and the AXIS® bar itself. Available in manual, assist or automatic configurations.

Notice: The carry-clip has been installed on the right side (or non-Benchmade logoed side of blade) of AXIS knife products for right side pocket carry. If you prefer to clip-carry the knife in the left side pocket, it is important that you remount the carry-clip on the other side of the knife handle. This is recommended for ideal access and optimum user safety.

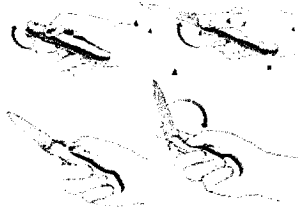


MODIFIED LOCKING-LINER The basic principle is an integral locking bar within the knife liner being stress bent, enabling it to spring into position behind the rear tang of the blade when the blade is opened. The locking bar wedges against the rear of the blade, locking it open until you physically push it clear and close the blade (locking-liners are made either right or left hand specific). And with a modified locking-liner you get a patented feature which helps to enhance the lock function. The function success and function failure of a locking-liner depends greatly on how well it is made and also the quality of the materials used. With Benchmade, you get both.

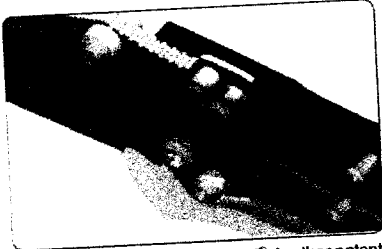


MONOLOCK The monolock mechanism is basically a locking-liner on steroids. The knife liner is one in the same as the knife handle, and thus it is designed and made to function as the locking mechanism. Subsequently, a thicker material is used to provide enough surface area to be a functional handle, and in turn creates a larger surface area to lock the blade with. If executed properly, the monolock design rates very highly in strength and function.

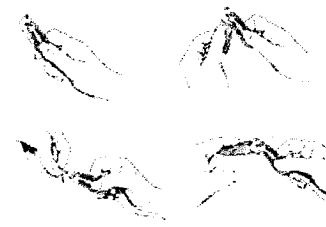
NAK-LOK® Built from the framework of the locking-liner with some innovative updates. The lock engages using tensile strength, compared to the compression hold of more traditional locking-liners. With the Nak-Lok™, the possibility of personal injury is greatly reduced with the opening finger never crossing the blades path.



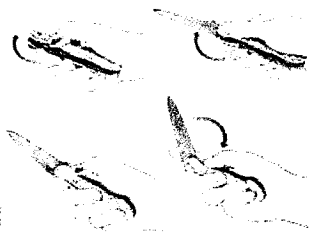
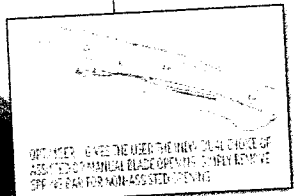
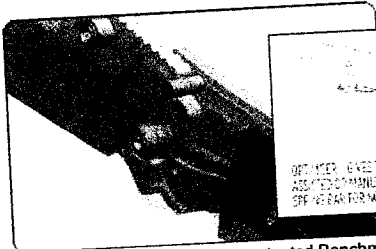
NITROUS® Another patented Benchmade exclusive, the Nitrous™ boosts the blade with ease. As the blade is closed the two torsion arms which run the length of the handle liners are secured in place and make contact with the blade tang. As tensioned against the blade tang, the user rotates the blade open to a 30-degree angle, the torsion arms take over and continue the blade opening process on its own. The huge advantages to the Nitrous design over other similar concepts, is that the blade must be rotated open to beyond a 30-degree angle, which offers added user control.



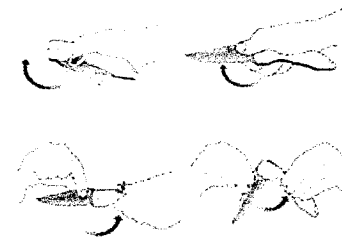
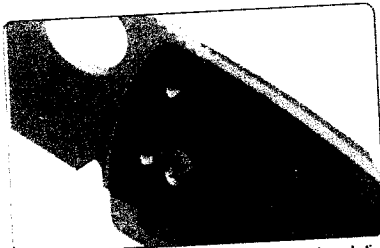
ROLLING LOCK® WITH INDRAFT® Another patented Benchmade exclusive, the Rolling Lock utilizes a sizable, notched lock-pin, which secures against the blade tang when engaged. To disengage, a spring actuated thumb button on the right handle side is drawn back to rotate the lock pin and free the blade. InDraft is a patented exclusive, which is a combination of a slotted liner and a pin in the blade tang working in tandem to generate an inward inertia when closing the blade. These results in one of the safest blade detents available today.



LEVITATOR® A patented Benchmade exclusive, the knife handle scale/liner is cut to create a spring system which is used to leverage a lock-pin in and out of a notch in the tang of the blade. This spring/pin system effectively locks the blade both in the open and closed positions.



OPTIMISER® SYSTEM Another patented Benchmade exclusive, which "optimizes" the knife mechanism if the user chooses to do so... A steel torsion bar running the length of the inside handle spine is secured in place and contacts a surface area of the blade tang. As the blade is closed the spring is tensioned against the blade tang, then as the user rotates the blade open to a 30-degree angle the spring-bar is engaged and continues the blade to its full, locked open position. The huge advantage to the Optimiser® design over similar concepts is that the blade must be rotated open beyond a 30-degree angle, which offers added user control. And even more amazing, the Optimiser can be added or removed at the discretion of the user and the knife mechanism still functions normally. The choice is yours.



LOCK-BACK A basic functional lock that is relatively simple and low cost to manufacture. In practice the lock design positions a stop bar parallel to and in direct line with the blade at the upper back or rear tang of the blade to lock the blade open. Basically, as the blade is rotated open, the spring tensioned, center pivoted stop bar tracks around the circular portion of the blade tang until it drops or locks into the notched out tang. And to release the lock, the exposed portion of the stop bar in the handle back is depressed into the handle, pivoting the stop bar out, releasing the locked blade. This style of locking mechanism requires two hands to safely close the blade although you may still easily open the blade single-handed if desired.



AUTOMATIC It's important to first note that these types of knives are restricted to Active Duty Military and Law Enforcement, and federally regulated. Be certain of permissibility in your location including state or local governments and within your reporting bodies. These are folding knives, which open at the push of a button... An especially important feature to have if your disability, occupation or profession has the potential of limiting your mobility or freedom to access a knife through traditional means. The blade is deployed out from the handle side like traditional folding knives, but the blade is spring open assisted to a fully locked position. Benchmade is recognized for making some of the finest auto opening knives in the world. These are primarily manufactured for Law Enforcement, Military and Government Agency distribution. The Benchmade autos take full advantage of a powerful coil spring blade actuator coupled with our precisely machined taper lock mechanism, proving itself to be the most reliable system available in auto open knives. And our patented integrated safety mechanism (located on handle spine) ensures that the blade will not inadvertently deploy or close once it is locked open. Benchmade autos are precision engineered and manufactured to perform in the real world, you would be hard pressed to find a superior tool.

BALI-SONG® As much an art form as it is the ultimate example of form following function. The Bali-Song or butterfly knife is of Filipino ancestry dating back to nearly 800 A.D. Its basic form consists of a pin-hinged, two piece handle, which when closed encases the blade for carry. And when opened, come together to form the knife handle for blade use. This can all be accomplished with a single hand -making the tool that much more utility capable. Benchmade is recognized as the leader when it comes to making Bali-Song® knives.

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What is a Liner Lock Knife?

Because of the many uses for a knife, they were created to not only be useful but easy to carry around. After it was no longer socially acceptable or frankly, necessary to carry around a knife in a scabbard, a folding knife was developed. A folding knife is a style where the blade can be folded back into its handle. This design is meant to be both safe and portable.

The first of these were made with a hole or indent in the knife blade so that a person could use their fingernail to pull the knife out. However, this proved to be cumbersome and dangerous as well. It meant that in order to open up the knife you would need to use two hands, and also that it was possible to be hurt by the knife as it opened and closed. It was also possible that the knife would not stay open or closed as needed. This is why the liner lock knife system was invented. It was invented so that the knife could be opened and closed with one hand. This made the knife a lot safer, and allowed the tradition of carrying folding knives to continue.

A liner lock knife is a knife that folds back in on itself, but one that has a liner lock, which is a way of using the knife with only one hand. It creates a smooth action and allows the user to be able to open and close the knife with the same hand they hold the knife. These are created so that a knife can be carried around, and opened and closed with minimal problems.

Liner lock knives were first known as electrician's knives and have been around since the 19th century. The knife is built such that when the knife is open, it is held in place by a leaf spring which is also called a lock bar. The lock bar or leaf spring holds the bottom of the blade and prevents it from closing. When the user of the knife wants the blade to close, he or she has to press the lock bar towards the handle side of the knife. This will allow the knife to snap closed. When the knife is closed, the lock bar will rest right on the handle of the knife, and out of the way.

In 1980, a knife maker by the name of Michael Walker took the original liner lock design and changed it slightly. He was able to change the leaf spring very slightly, which made it lock the blade open instead of simply keeping it straight. The changes that Walker made to the electricians knives allow the blade to truly be opened and closed using only one hand. In order to do this, Walker removed a back spring, as well as added a detent ball, which would hold the knife in the correct position. Both of these things were done so that the knife would be safer and easier to use. After Michael Walker developed this updated liner lock knife, many other knife making companies picked it up and began to use it. It is now one of the most popular forms of knives.

Most knife manufacturers create liner lock knives out of steel or titanium. This prevents them from rusting and allows them to maintain their color and sharpness for the duration of their lives. Because this knife has moving parts, it is important to use high-quality materials to ensure the usability and functionality of all of the moving parts.

The lock liner knife is designed to be a portable and functional knife that can be kept with you at all times for easy use. It is also designed to be a safe knife to have around the house or in with hunting and fishing equipment. You can keep it safe and secure when it is in the closed position, and you can snap it open in order to use it – knowing that it will stay securely open until you want to close it. Using a liner lock knife is one of the ways that you can always have your knife, but always have it safely.

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One Response to "What is a Liner Lock Knife?"

1. *Ralph Hart* says:
March 13, 2008 at 12:53 am

I ran across a knife sales website, and I've had a fever for knives since. I bought and sold some and I am starting to recognize the different styles and uses for knives. I appreciate the knowledge and history of liner lock knives that this post helped me to understand

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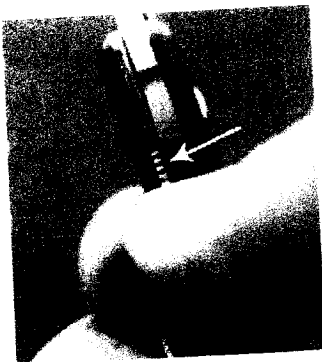
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Pocket Knife Lock Types

Written by [Dan Lawton](#)

Pocket knives rely on a variety of mechanisms to open and close. Here are explanations of some of the most common pocket knife locks, such as liner locks, frame locks and ring locks.

Liner lock (or locking liner)



Liner Lock

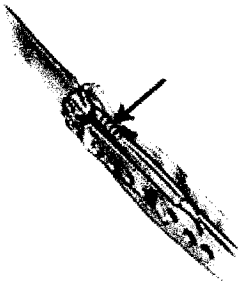
The liner lock is easily the most popular knife lock found in folding knives. It was invented in the early 80s by knife-maker Michael Walker and was quickly adopted by a number of mainstream knife makers.

The liner lock functions with one section of the liner angled inward toward the inside of the knife. From this position, the liner is only able to go back to its old position with manual force, therefore locking it in place.

The tail of the liner lock, which is closest to the blade, is cut to engage the bottom of the blade under the pivot. If the user wants to disengage the lock, they must manually move the liner to the side, away from the blade bottom.

The liner lock was a great advancement in knife lock technology and assisted in the evolution of the tactical knife and one-handed knife.

Frame lock



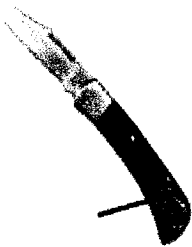
Frame Lock

The main difference between a liner lock and a frame lock is that a frame lock uses the handle to form the frame and therefore the lock. The handle, which has two sides, is often cut from a steel that is much thicker than the liner of most locks.

Just like the liner lock, the frame lock is situated with the liner inward and the tip engaging the bottom of the blade. The frame lock is released by applying pressure to the frame to move it away from the blade. When it is opened, the pressure on the lock forces it to snap across the blade, engaging at its furthest point.

Frame locks are known for their strength and thickness, but it is only with correct construction that they operate at full capacity. If the angle of the blade bottom is not matched correctly with the lock, the lock may not travel the correct distance, damaging its effectiveness.

Back lock (or lock back)



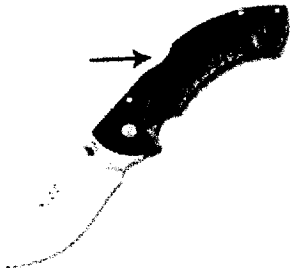
Back Lock

The back lock is one of the oldest and most reliable locking mechanisms on the market; it even predates the liner lock. Due to its simplicity and affordability, the back lock is one of the most well-known knife locks and has many supporters.

The back lock functions with a locking arm, which sits along the handle spine and is molded with a hook that fits

into a notch on the back of the blade, behind the pivot. This hook is dragged by tension from the back spring into the notch, therefore locking the knife with a snap. Because it is reliable and economical to construct, the back lock is one of the most common locks used in folding knives, such as the Buck 110.

Mid lock

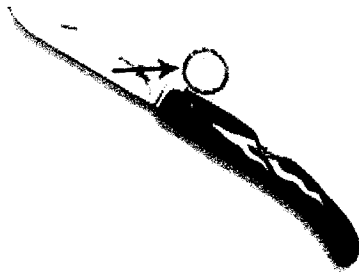


Mid Lock

The mid lock is similar to a back lock, except the release mechanism is in the middle of the handle spine as opposed to near the butt end of the knife. This shortens the locking arm, producing more tension and lock strength.

Mid locks are famous because of their ability to withstand large amounts of pressure. In demonstrations by the knife company Cold Steel, mid lock knives have maintained their integrity under hundreds of pounds of pressure, impressing many knife owners with their stupetizing feats of strength. This publicity has undoubtedly increased the frequency at which mid lock knives are purchased.

Ring Lock/Twist Lock

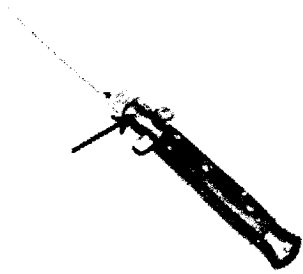


Ring Lock

A ring lock is closed when the user turns a metal ring wrapped around the pivot of the knife to a position where a break in the ring allows the blade to be opened. After the blade has been opened, the ring must be turned again, so that the space through which the blade was opened is blocked. This keeps the lock static in the open position.

The ring lock, which is also called the twist lock, first gained popularity in the 1950s, when the knife company Opinel Knives added it to their line. Most of the success of the ring lock can be attributed to its durability, easy use and low cost.

Lever lock

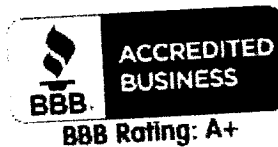


Lever Lock

A lever lock is locked by a post or pin in or near the pivot bolster, which can be inserted into a hole drilled in the base of the blade. With the pin through the blade hole, the blade is locked, either in the open or closed position. The lever lock is often used on automatic knives and is related to the plunge lock. It is also the lock that operates most switch blade knives, allowing the knife to pop out in dramatic fashion.

A slight variation on the lever lock is a locking system in which the blade is constructed with a post on its spine near the pivot. The back spring has a round top piece that has a hole drilled in it to match the post. When the blade opens, the post hits the hole in the back spring and a firm lockup occurs.

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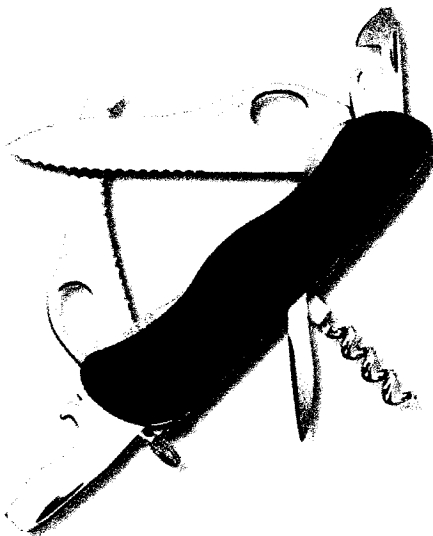
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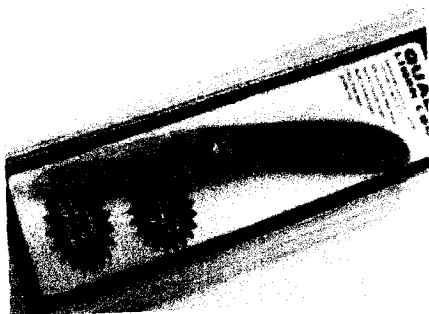
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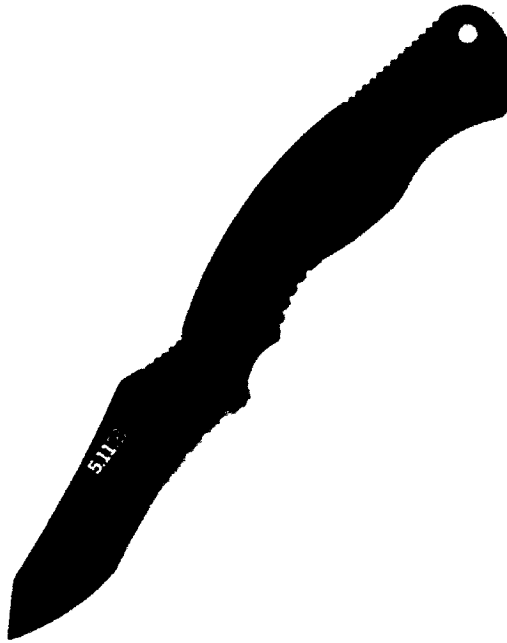
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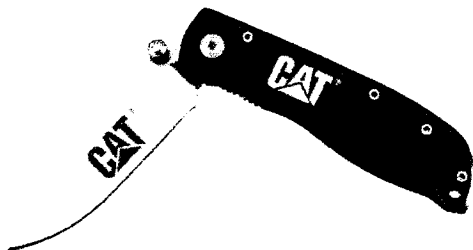
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5.11's Always Ready Knife (ARK) is a full-sized tactical folder with a Recurve blade profile. AUS8 3mm thick blades feature a partial serration and a black oxide coating and are hardened to 57-59 HRC. ARK knives have G-10 scales, full-length steel liners, lanyard hole and a liner lock. Pocket clips can be mounted in 4 positions. Imported.

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ACCESSORIES		PRICE	QTY	Availability:
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	Smith Abrasives 10" Diamond Sharpening Steel Item #401068 MORE DETAILS	\$29.99	0	In Stock

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CAT 4 1/4in. Stainless/Aluminum Linerlock Knife

Item# 198502

Only \$12.99

In Stock

 For store availability please contact your nearest [Store](#)

Customer Product Rating

☆☆☆☆☆ 5 / 5

5 of 5 would recommend this product to a friend.

OVERVIEW

Rugged stainless/aluminum knife sports a 3 1/2in. 400 grade stainless steel blade, honed to razor sharpness. Thumb stud on top for easy opening and closing. CAT logo is laser engraved on handle. Reverse side of knife has stainless steel belt/pocket clip. Lifetime limited warranty.

KEY SPECS

Style	Liner lock
Blade Size (in.)	3 1/2
Blade Material	400 Grade stainless steel
Handle Material	Aluminum
Pattern Design	CAT logo
Foldable	Yes
Case Included	No
Includes	Belt clip
Manufacturer Warranty	Lifetime Limited Warranty
Ship Weight	1.0 lbs
Item#	198502

BRAND



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Chris Reeve Knives

From Wikipedia, the free encyclopedia

Chris Reeve Knives (CRK) is a U.S. corporation with international sales and distribution based in Boise, ID. CRK manufactures folding pocket knives, fixed blade knives, and custom walking sticks. He is known best for his folding knife the Sebenza. Their motto is *"Think Twice, Cut Once."*

Contents

- 1 History
- 2 Products
- 3 Industry Awards
- 4 Chris Reeve Knives in popular culture
- 5 References
- 6 External links

Chris Reeve Knives

Type	Corporation
Industry	Manufacturing
Founded	Boise, ID (1993)
Headquarters	Boise, ID
Key people	Chris Reeve, Anne Reeve
Products	Knives
Employees	19
Website	<div>www.chrisreeve.com</div> <div>(http://www.chrisreeve.com)</div>

History

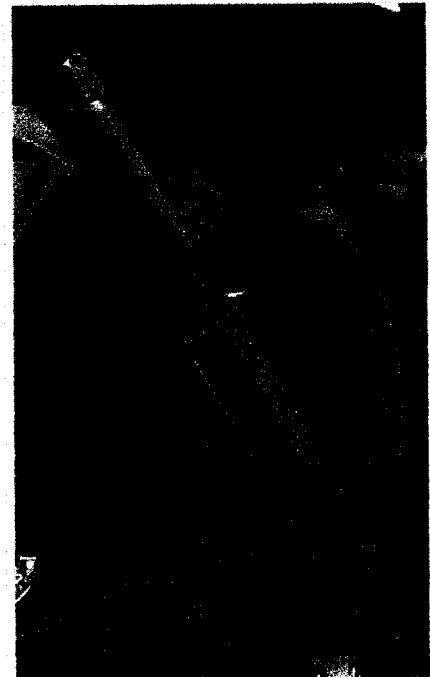
Chris Reeve Knives was founded as a sole proprietorship in January 1984, with Chris Reeve making custom knives in the single garage attached to the house in which Reeve was living in Durban, South Africa.^[1] In March 1989, Reeve and his wife/partner Anne Reeve immigrated to the United States, and CRK commenced manufacturing in Boise, ID.^[2] In July 1993, Chris Reeve Knives, sole proprietorship, became Reeve Incorporated, doing business as Chris Reeve Knives.^[3] Reeve collaborated with Dick Barber of Crucible Materials Corporation to develop CPM S30V steel as a knifemaking steel in 2003.^{[4][5]} Chris Reeve Knives has collaborated with William Harsey, Jr. on several fixed blade knife projects, and serves as the manufacturer of these knives.^{[6][7]}

Products

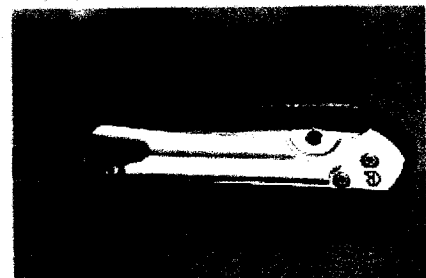
- One Piece Range^[8]: production 1983–2009. Fixed blade family of knives, featuring a hollow handle and blade manufactured from one continuous piece of A2 tool steel. Model families include the Sable (sabre style blade), Shadow (spear point blade), Mountaineer (single guard clip point blade), Ubejane (Skinner), and Mark (double guard clip point blade). Models possess blade lengths ranging from 10.2 to 22.9 cm (4" to 9"). After nearly three decades of production, the One Piece Range was retired due to both the expense of manufacture, and to make room in the CRK portfolio for new designs.
- Sebenza^[9]: production 1991 - present. Folding knife, introducing a stronger variation of the Walker linerlock called the Sebenza Integral Lock©, also commonly known as the framelock.^[10] The Sebenza is a utility knife with titanium handles and was originally introduced

with an ATS-34 stainless steel blade, followed by BG-42 and as of this writing, CPM S35VN steel.^[5] The Sebenza comes in two sizes, with blade lengths of 75mm/2.94"(Small Sebenza) and 92mm/3.625"(Large Sebenza). There are currently 3 different models out, in chronological order they are the regular, classic, and current 21 model. The major difference is between the regular and classic/21 model. The regular has scalloping and a smaller lock bar access cut out. The classic is very similar to the 21 (being its predecessor), with the main difference being the classic stamp on the lock side of the knife as well as having a rounded lock bar. They offer inlays ranging from micarta to wood to even ivory on the classic and 21 models. Even though the regular has been discontinued for a few years, they still offer it annually with different inlays every year.

- Umfaan: production 1997–2002. Folding knife similar in design to that of the Sebenza, but with a blade length of 58.42mm (2.3").
- Mnandi^[11]: production 2001 – present. Folding knife utilizing an Integral Lock, partially covered by a cosmetic inlay, focused at the businessperson. The Mnandi blade length is 69.5mm (2.75") and like the sebenza can also be had in Damascus Steel.^[12]
- Green Beret^[7]: production 2002 – present. Fixed blade knife designed in collaboration with William Harsey Jr., featuring single row serrations and a CPM S30V stainless steel spearpoint blade, offered in 139mm and 177mm (5.5" and 7") blade lengths. A version of this knife with special engraving and serialization on the blade, known as the **Yarborough** (named for Lieutenant General William P. Yarborough), is presented to every graduate of the United States Army Special Forces Q Course. The Yarborough may only be purchased by active or retired U.S. Army Special Forces soldiers.^[3]
- Neil Roberts Warrior: production 2004 – present. Fixed blade knife designed in collaboration with William Harsey, with 152.4mm (6"), CPM S30V stainless steel recurve spearpoint blade. This knife is dedicated to Mr. Roberts, the first U.S. Navy SEAL killed in Afghanistan.^[13]
- Inyoni: production 2005 – present. Fixed blade bird and fish knife with 88.9mm (3.5"), CPM S30V stainless steel double row (Kubuli) serrated blade.
- Pacific : production 2007 – present. Fixed blade knife designed in collaboration with William Harsey, with double row (Kubuli) serrations and 152.4mm (6") CPM S30V stainless steel clip point blade. The Pacific is the

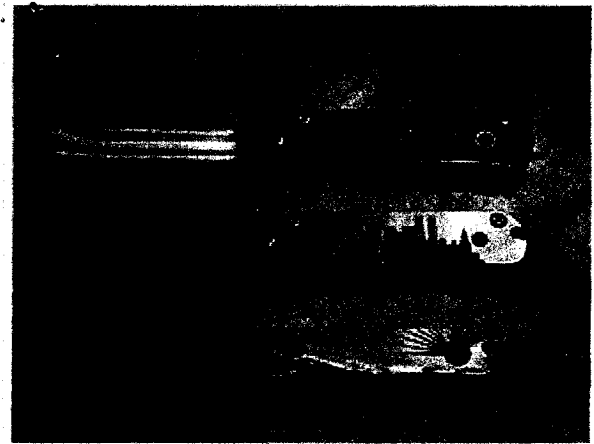


CRK Model Mark IV, the 1st production knife of the One Piece range of knives, circa 1983.



An example of a small Classic Sebenza with Mammoth Ivory inlays. Knife is resting on a CRK leather slip case.

civilian version of the "1st Group Knife", denoted by special engraving on the knife blade. The 1st Group Knife was designed and is manufactured at the request of the U.S Army Special Forces 1st Group to commemorate their 50th anniversary of operations. The 1st Group Knife may only be purchased by active or retired 1st Group soldiers.^[6]



Three Sebenzas: Large Regular with ATS-34 Steel blade and a Large and Small Regulars featuring Damascus steel blades with computer engraved and anodized handles

- **Professional Soldier:** production 2008 – present. Fixed blade knife designed in collaboration with William Harsey, with 86mm (3.375") CPM S30V stainless steel spearpoint blade, and cut-out in handle for use as a shackle wrench.
- **Ummumzaan:** production 2008 – present. Folding knife, with 2nd generation Integral Lock. The Ummumzaan is a utility knife with titanium handle slabs and 93.4mm (3.675") CPM S30V stainless steel blade.^[14] It also features a glass breaker that is exposed when the knife is closed.
- **Sikayo Range:** production 2009 - present. A range of chef's knives, the Sikayo is available in both 6.5" and 9.0" blade lengths. Sikayo blades are made with CPM S35V stainless steel, and are ground on one side only. The name Sikayo is the Zulu word for "sharp".
- **Nyala:** Production 2010 - present. The Nyala is a modern version of the classic skinning knife. The integral handle and blade of CPM S35VN is possesses spiral and lineal grooves in the micarta handle providing incremental positive grip, and serrations on the spine are provided for enhanced control. The Nyala blade length is 3.75".
- **Ti-Lock:** Production 2010 - present. The Ti-Lock is a folding knife featuring a new locking mechanism by the same name. The Ti-Lock mechanism was conceived as a means to isolate the lock from the body of the knife, in order to allow more design freedom for handle and frame. It is completely ambidextrous, allowing equal left and right hand use. The Ti-Lock was a collaborative development by Grant and Gavin Hawk, and Chris Reeve.^[15]

Industry Awards

- 1987 Knifemaker's Guild of Southern Africa "Best Folding Knife" (Sebenza predecessor)
- 2000^[16], 2001^[17], 2003^[18], 2004, 2005, 2006^[19], 2007^[6], 2008^[14], 2009, 2010^[15], 2011, 2012^[20] "Manufacturing Quality Award"
- 2003 "Collaboration Knife of the Year"^[18] ("The Green Beret Knife", a collaboration between CRK and William Harsey, Jr.)
- 2005 "Collector Knife of the Year" ("21st Anniversary Sebenza")
- 2006 Grays Sporting Journal "Gray's Best" Award

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Strider Knives

From Wikipedia, the free encyclopedia

Strider Knives, Inc. is a custom and production knifemaking facility headed by Mick Strider and Duane Dwyer based in San Marcos, California.

Contents

- 1 Materials and design
- 2 Strider folding knives
- 3 Military models
- 4 Collaborations
- 5 References
- 6 External links

Materials and design

Strider Knives makes folding knives and fixed-blade knives, using metals such as ATS-34, CPM S30V steel, titanium, stellite, beryllium, damascus steel, and BG-42 for the blades.^{[1][2]}

Strider fixed blade knives utilize either parachute cord or G-10 fiberglass for the handle material.

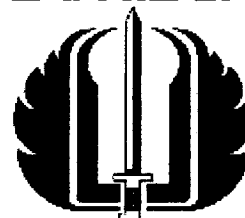
Strider uses a proprietary heat treatment originally developed by Paul Bos of Buck Knives.^[2] This resulted in knives with blades of ATS-34 or BG-42 coming back from heat treat with a very dark colored blade which would then be bead blasted a flat grey color. After masking a blade before beadblasting, Mick Strider found it resulted in a striping or camouflage effect and it has become a part of the design.^{[3][4]} As the newest steel Strider uses, CPM S30V does not darken after heat treating, a black oxide coating is applied beforehand.^[3]

Strider folding knives

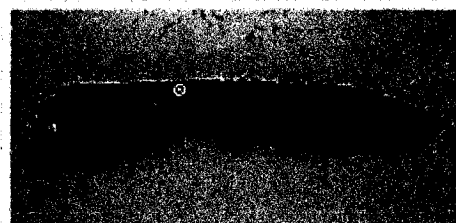
After eight years of making fixed blade knives, Strider turned to making folding knives.^[4] Strider's goal was to produce a folding knife that was as strong as a fixed blade.^[4] To work toward this goal, Strider relied on the use of G10 Fiberglass handles, titanium liners thicker than what was in current use throughout the cutlery industry and an oversized pivot screw 0.19" in diameter.^[4] The end results were two linerlocks known as the AR and GB models. Strider makes titanium handled framelock folding knives.^[4] These models utilize the handle itself as the locking mechanism

Strider Knives

STRIDER



Type	LLC
Industry	Manufacturing
Founded	San Marcos, California (1997)
Headquarters	San Marcos, California, 1997
Key people	Mick Strider, Duane Dwyer, Josh Lee
Products	Knives
Revenue	N/A
Employees	N/A
Website	www.striderknives.com (http://www.striderknives.com/)



Strider SnG folding knife

and are named the SMF, SnG, PT, and RC models.^[4]

Military models

Strider's first project as a company was to supply Naval Special Warfare Group 1 with WB and BG models in 1994.^{[5][6]} Strider Knives currently makes several models specifically for units of the US Military in the Global War on Terror,^{[7][8]} each with its own NSN.^[4] National Stock Numbers are: Strider SMF (officially - Knife, Folding, Special Mission) 1095-01-531-5015, Strider DB-L (officially - Knife, Fixed, Camo) 1095-01-531-5023, the JB1 (officially - Shroud Knife) 1670-09-000-3920, and the Probe Knife 1095-01-503-7231, built for landmine detection.

Strider Knives has designed a new bayonet it hopes to market to the US military. The blade is CPM S30V and it features a tang extending all the way to the latch plate for increased strength. Strider designed the bayonet for Zero Tolerance Knives, which will release it as the ZT Bayonet D9.^[9]

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Strider Knives has collaborated with the following companies:

- Buck Knives for a variety of Strider developed knife designs mass produced at a more affordable price.^{[4][10]}
- SureFire Flashlights. Strider Knives collaborated with SureFire by making an exclusive SF fixed-blade numbered and marked with the SureFire logo and sold with an identically numbered Strider marked M2CombatLight.^{[11][12]}
- Unertl Optics (longtime manufacturer of USMC Scout Sniper Scopes) for a unique SMF knife paired up with each custom 1911 pistol sold.
- Kershaw Knives (under the Zero Tolerance Knives affiliate) for Strider joint designs with custom Knifemaker, Ken Onion. A portion of the proceeds from every sale of Zero Tolerance Knives is donated to the Paralyzed Veterans of America. Strider, Ken Onion and Zero Tolerance won Blade Magazine's Publisher's Award for 2006 because of this collaboration.^[13]
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References

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2. [^] ^a ^b Gardner, James. "Duel of the Titans: two exceptional folders exemplify state-of-the-art", *Guns Magazine*, June

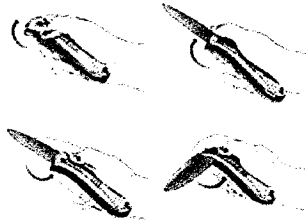
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Mechanisms

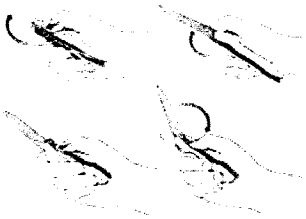
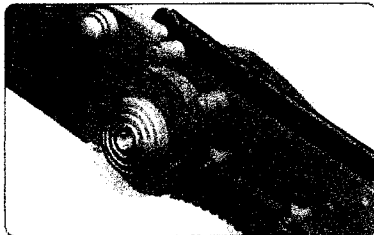
Seems simple enough. You open the knife, you close the knife. But it's the mechanics of motion that happens in the process, which can make the difference between ordinary and extraordinary. Is the knife easy to actuate, can the knife be opened with one hand, is it ambidextrous, and will it be reliable when you need it most? These are all essential considerations when it comes to knife mechanics.

Benchmade offers several mechanisms, from patented exclusives including the unparalleled AXIS®, to more traditional lock back designs. It all comes down to your level of desired function.

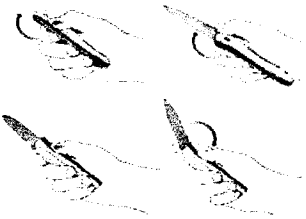
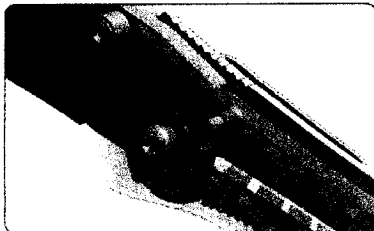


AXIS® A patented Benchmade exclusive, AXIS® has been turning heads and winning fans ever since its introduction. A 100-percent ambidextrous design, AXIS® gets its function from a small, hardened steel bar which rides forward and back in a slot machined into both steel liners. The bar extends to both sides of the knife, spans the liners, and is positioned over the rear of the blade. It engages a ramped, tang portion of the knife blade when it is opened. Two omega style springs, one on each liner, give the locking bar its inertia to engage the knife tang. As a result, the tang is wedged solidly between a sizable stop pin and the AXIS® bar itself. Available in manual, assist or automatic configurations.

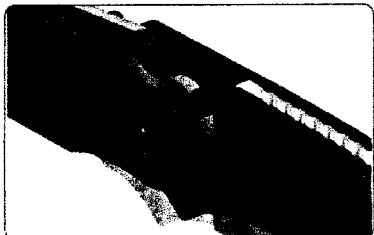
Notice: The carry-clip has been installed on the right side (or non-Benchmade logoed side of blade) of AXIS knife products for right side pocket carry. If you prefer to clip-carry the knife in the left side pocket, it is important that you remount the carry-clip on the other side of the knife handle. This is recommended for ideal access and optimum user safety.



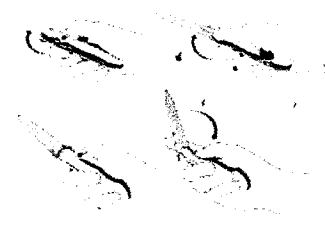
MODIFIED LOCKING-LINER The basic principle is an integral locking bar within the knife liner being stress bent, enabling it to spring into position behind the rear tang of the blade when the blade is opened. The locking bar wedges against the rear of the blade, locking it open until you physically push it clear and close the blade (locking-liners are made either right or left hand specific). And with a modified locking-liner you get a patented feature which helps to enhance the lock function. The function success and function failure of a locking-liner depends greatly on how well it is made and also the quality of the materials used. With Benchmade, you get both.



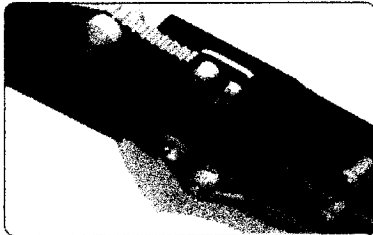
MONOLOCK The monolock mechanism is basically a locking-liner on steroids. The knife liner is one in the same as the knife handle, and thus it is designed and made to function as the locking mechanism. Subsequently, a thicker material is used to provide enough surface area to be a functional handle, and in turn creates a larger surface area to lock the blade with. If executed properly, the monolock design rates very highly in strength and function.



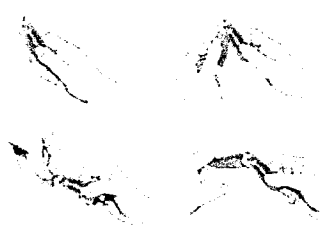
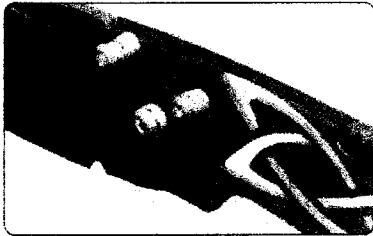
NAK-LOK® Built from the framework of the locking-liner with some innovative updates. The lock engages using tensile strength, compared to the compression hold of more traditional locking-liners. With the Nak-Lok™, the possibility of personal injury is greatly reduced with the opening finger never crossing the blades path.



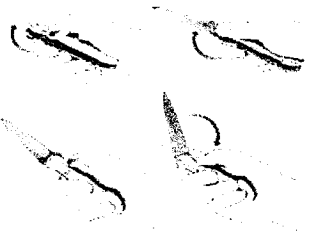
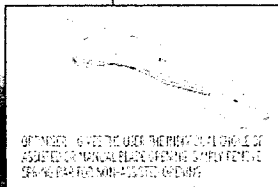
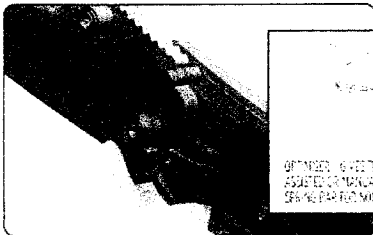
NITROUS® Another patented Benchmade exclusive, the Nitrous™ boosts the blade with ease. As the blade is closed the two torsion arms which run the length of the handle liners are secured in place and make contact with the blade tang. As tensioned against the blade tang, the user rotates the blade open to a 30-degree angle, the torsion arms take over and continue the blade opening process on its own. The huge advantages to the Nitrous design over other similar concepts, is that the blade must be rotated open to beyond a 30-degree angle, which offers added user control.



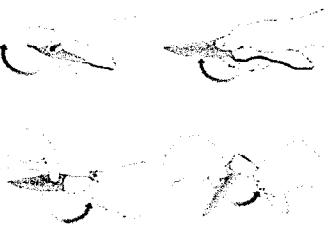
ROLLING LOCK® WITH INDRAFT® Another patented Benchmade exclusive, the Rolling Lock utilizes a sizable, notched lock-pin, which secures against the blade tang when engaged. To disengage, a spring actuated thumb button on the right handle side is drawn back to rotate the lock pin and free the blade. InDraft is a patented exclusive, which is a combination of a slotted liner and a pin in the blade tang working in tandem to generate an inward inertia when closing the blade. These results in one of the safest blade detents available today.



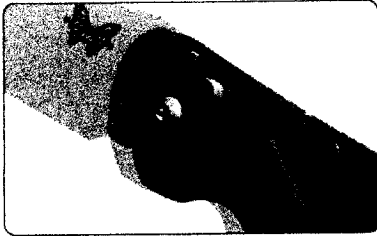
LEVITATOR® A patented Benchmade exclusive, the knife handle scale/liner is cut to create a spring system which is used to leverage a lock-pin in and out of a notch in the tang of the blade. This spring/pin system effectively locks the blade both in the open and closed positions.



OPTIMISER® SYSTEM Another patented Benchmade exclusive, which "optimizes" the knife mechanism if the user chooses to do so... A steel torsion bar running the length of the inside handle spine is secured in place and contacts a surface area of the blade tang. As the blade is closed the spring is tensioned against the blade tang, then as the user rotates the blade open to a 30-degree angle the spring-bar is engaged and continues the blade to its full, locked open position. The huge advantage to the Optimiser® design over similar concepts is that the blade must be rotated open beyond a 30-degree angle, which offers added user control. And even more amazing, the Optimiser can be added or removed at the discretion of the user and the knife mechanism still functions normally. The choice is yours.



LOCK-BACK A basic functional lock that is relatively simple and low cost to manufacture. In practice the lock design positions a stop bar parallel to and in direct line with the blade at the upper back or rear tang of the blade to lock the blade open. Basically, as the blade is rotated open, the spring tensioned, center pivoted stop bar tracks around the circular portion of the blade tang until it drops or locks into the notched out tang. And to release the lock, the exposed portion of the stop bar in the handle back is depressed into the handle, pivoting the stop bar out, releasing the locked blade. This style of locking mechanism requires two hands to safely close the blade although you may still easily open the blade single-handed if desired.



AUTOMATIC It's important to first note that these types of knives are restricted to Active Duty Military and Law Enforcement, and federally regulated. Be certain of permissibility in your location including state or local governments and within your reporting bodies. These are folding knives, which open at the push of a button... An especially important feature to have if your disability, occupation or profession has the potential of limiting your mobility or freedom to access a knife through traditional means. The blade is deployed out from the handle side like traditional folding knives, but the blade is spring open assisted to a fully locked position. Benchmade is recognized for making some of the finest auto opening knives in the world. These are primarily manufactured for Law Enforcement, Military and Government Agency distribution. The Benchmade autos take full advantage of a powerful coil spring blade actuator coupled with our precisely machined taper lock mechanism, proving itself to be the most reliable system available in auto open knives. And our patented integrated safety mechanism (located on handle spine) ensures that the blade will not inadvertently deploy or close once it is locked open. Benchmade autos are precision engineered and manufactured to perform in the real world, you would be hard pressed to find a superior tool.

BALI-SONG® As much an art form as it is the ultimate example of form following function. The Bali-Song or butterfly knife is of Filipino ancestry dating back to nearly 800 A.D. Its basic form consists of a pin-hinged, two piece handle, which when closed encases the blade for carry. And when opened, come together to form the knife handle for blade use. This can all be accomplished with a single hand -making the tool that much more utility capable. Benchmade is recognized as the leader when it comes to making Bali-Song® knives.

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